Course Catalog - Middlebury College - Fall 2020, Spring 2021

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African American Studies Minor

Professors: William Nash (American studies and English and American literature) Ellen Oxfeld (sociology/anthropology), James Ralph (history); Associate Professors: William Hart (history); Jessyka Finley (American Studies); Program Coordinator: Diane Burnham

This program offers a minor in African American studies to students who complete the following requirements:
(1) The following core courses, designed to offer theoretical perspectives and broad background:
* HIST 0225 African American History
* AMST 0224 Race and Ethnicity in the US
(2) Two of the following courses, which are more focused explorations of a part of the African American experience:
* AMST 0310 Livin for the City
* ENAM/AMST 0252 African American Literature
* HIST/AMST 0226 The Civil Rights Revolution
*AMST 0107 Intro to African American Culture
*AMST/GSFS 0204 Black Comic Cultures
*AMST/GSFS 0208 Unruly Bodies: Black Womanhood in Popular Culture
*AMST 0345 Black Lives Matter
*AMST/SOCI 0348 Black Ethnography
AMST 0259 Re-Presenting Slavery
(3) One advanced, relevant 0400 level course or an independent 0500-level project.
Other appropriate courses offered during the fall and spring semesters, or during the winter term, may be substituted for courses in category 2 at the discretion of the program director. The director or minor advisor will also approve courses to count in category 3.

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African Studies Minor

Professors: Armelle Crouzieres-Ingenthron (French), Jacob Tropp (history); Associate Professors: Nadia Horning (political science), Damascus Kafumbe (music), Michael Sheridan (sociology/anthropology); Assistant Professor: Obie Porteous (economics)

This program offers a minor in African Studies to students who complete the following requirements:

(1) Two of the following courses which focus primarily on Africa:

DANC 0163 From Africa to America: Moving from Our Core
ECON 0234 Economics of Africa
ECON 0327 Economic Development in Africa
FREN 0395 Women's Voices from the Francophone World
FREN 0396 (Re) Constructing Identities in Francophone Colonial and Postcolonial Fiction
FREN 0398 Children and Civil War in Francophone African Literature
FREN/PSCI 0399 Of Power & Pen: Francophone Africa
FREN 0492 Denunciation and Literature: The Awakening of the Maghreb
HIST 0113 History of Africa to 1800
HIST 0114 History of Modern Africa
HIST 0315 Health and Healing in African History
HIST 0317 South Africa in the World
HIST 0375 Struggles in Southern Africa
HIST 0441 Readings in African History: Environmental History of Africa
HIST 0442 Popular Culture and History in Africa
HIST/GSFS 0443 Readings in African History: Women and Gender in African History
INTD 1152 Introduction to Swahili and East African Cultures
MUSC 0236 African Soundscapes
MUSC 0244 African Music and Dance Performance
IGST/PSCI0428 Dictators and Democrats
PSCI 0321 Anglophone Vs. Francophone Africa (CW)
PSCI 0202 African Politics
PSCI 0431 African Government
ANTH 0232 Anthropology of Continuity and Change in Sub-Saharan Africa

(2) Two additional courses, either chosen from group (1) above or from the following courses, which include significant materials on Africa and/or the African Diaspora. When given the option to pursue independent research projects in these courses, students are expected to choose Africa-related topics to contribute to their minor:

ANTH 0211 Human Ecology
ANTH 0468 Success and Failure in Global Health and Development Projects
ANTH 0340 The Anthropology of Human Rights
ANTH/RELI 0353 Islam in Practice: Anthropology of Muslim Cultures
ECON 0328 Economics of Global Health
ECON 0352 Structuralist Macroeconomics: Theory and Policy for Developing Countries

ECON 0415 Macroeconomics of Development
ECON 0466 Environment and Development
ECON 0425 Seminar on Economic Development
ECON 0465 Special Topics in Environmental Economics
FREN 0394 Black and Beur Expression
HIST 0105 The Atlantic World: 1492-1900
HIST 0109 History of Islam and the Middle East, Since 1453
HIST 0225 African American History
HIST 0263 Religion and Politics in Islamic History
HIST 0427 Diaspora and Exile
HIST/GSFS 0438 Readings in Middle Eastern History: Women and Islam
INTD 0257 Global Health
MUSC 1066 The History of the American Negro Spiritual
PGSE 0330 Aesthetics of Urban Poverty in Literature, Film, and Music
PGSE 0375 Colonial Discourse and the "Lusophone World"
PSCI 0209 Local Green Politics
PSCI 0258 The Politics of International Humanitarian Action
PSCI 0330 Comparative Development Strategies
RELI 0150 The Islamic Tradition
RELI 0272 African American Religious History
RELI 0359 Issues in Islamic Law and Ethics: Questions of Life and Death

*Courses offered during the winter term may apply to the minor.

(3) One advanced seminar course (0300- or 0400-level, depending on the department), or a relevant, independent 0500-level project (at the discretion of the program director).
Other courses offered during the fall, winter, or spring terms, or at affiliated institutions abroad, may be substituted for the above listed courses at the discretion of the program director. As a general rule, no more than one course from a study abroad program will be counted towards the fulfillment of the minor.

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Program in American Studies

Requirements: A minimum of eleven courses including AMST 0209, AMST 0210, AMST 0400, three AMST electives, four courses in a concentration designed in consultation with a faculty advisor, and AMST 0701 or one additional elective numbered 0200 or higher.
Electives: Three AMST electives, two of which must be numbered 0200 or higher. These courses must be listed or cross-listed as AMST courses in the course catalog. Courses may not count toward both the elective and concentration requirements.
Junior Seminar (AMST 0400): Students should normally take this seminar in the Fall of their Junior year. Where compelling circumstances make doing this impossible, arrangements to take the course as a senior may be made with the director of the American Studies program.

Senior Project (AMST 0701): AMST majors may enroll in AMST 0701, where they will complete a substantial research project in consultation with an AMST faculty adviser. Research projects are subject to approval by the AMST faculty, who will pair each approved project with an appropriate faculty adviser. Students who envision an AMST 701 project requiring collaboration must be granted departmental approval. Normally, AMST senior projects will be completed in one semester. The senior project may take the form of a formal written document, a multi-media project such as a video, a web project, a creative activity such as a performance, or an installation project. An oral defense is part of senior work. Senior work is one of the requirements for departmental honors (see Honors section of AMST major requirements).

Honors: Honors will be based on a student's cumulative AMST record and the quality of their AMST 0701 project.

Concentrations: Concentrations must bring together coherent clusters of four courses that address particular themes, periods, movements, or modes of thought and expression. In consultation with an advisor and with approval of the program, students will develop an interdisciplinary concentration in one of these areas:
Popular Culture: Students will study popular cultural forms, their reception, and the history of their production in the United States. Courses will especially focus on the conflicts between popular culture as a site of creativity and democratic empowerment on the one hand, and as a product of dominant commercialized cultural industries on the other.
Race and Ethnicity: Students will examine specific groups in depth and in comparison, exploring racial and ethnic history, political struggles, creative and cultural practices, and individual and collective modes of identity formation. By studying how and why racial and ethnic identities have evolved in the United States, students will understand their central place in the formation of the American nation.
Artistic and Intellectual Traditions: Students will focus on literary, religious, philosophical, and social thought and its expression in the United States. They will be encouraged to examine particular currents of thought (e. g. evangelicalism, liberalism, romanticism, modernism, progressivism) or modes of expression (e.g. literature, visual art, or film) that have been important to American culture.
Space and Place: Students will explore the importance of landscape and place in American culture. Course work may include the study of American regional geography, the historical and aesthetic dimensions of the built environment, the impacts of urban growth, suburbanization, or the imagining of utopian spaces.
Cultural Politics: Students will explore the relationship between culture, ideology, and the

political system. People create meaning about their personal and public lives through cultural practices, but those practices take place within institutional and ideological structures. Relevant courses might explore ethics and religion; political parties and social movements; feminism and gender studies; and representation and visual culture.
Self-Designed Concentration: Self-designed concentrations must be built in close consultation with a faculty advisor and should focus on a cultural theme or interdisciplinary area of inquiry. Potential topics might include: Gender & American Culture; American Environmentalism; Visual Culture; Industrialization of America; and Immigration and Cultural Exchanges.
Joint Major Requirements: Students may major in AMST jointly with another discipline or program. Students must discuss their rationale for doing so with their advisor in AMST and joint majors must be approved by the faculty in AMST. Required courses for a joint major in AMST are: AMST 0209, AMST 0210, AMST 0400, and 3 AMST electives.
Minor Requirements: Students may complete a minor in American Studies by taking the following courses: AMST 0210, AMST 0209, AMST 0400, three AMST electives.
Study Abroad for American Studies Majors: The faculty members of the Program in American Studies recognize the benefits of cross-cultural learning and encourage majors to take advantage of study abroad opportunities. Often students returning from study abroad undertake senior work that responds to their cultural learning while abroad. We encourage students to take courses in their study abroad program that focus on the host culture and thereby allow the best opportunity for cultural comparison.
American Studies majors normally take AMST 0400, a required seminar, in the fall semester of their junior year. Under compelling circumstances that leave only the fall available as an option for study abroad, majors may be able to take AMST 0400 in the fall semester of their senior year. Such arrangements must be discussed in advance with, and approved by, the director of the American Studies program. The American Studies program enjoys being host to exchange students from the American studies programs at the Universities of East Anglia and Nottingham in Great Britain.

AMST 0104 Television and American Culture (Fall 2020)

This course explores American life in the last seven decades through an analysis of our central medium: television. Spanning a history of television from its origins in radio to today’s digital convergence via YouTube and Netflix, we will consider television's role in both representing and constituting American society through a variety of approaches, including: the economics of the television industry, television's role within American democracy, the formal attributes of various television genres, television as a site of gender and racial identity formation, television's role in everyday life, the medium's technological transformations, and television as a site of global cultural exchange. 3 hrs. lect./disc. / 3 hrs. screen **AMR**, **NOR**, **SOC** *(J. Mittell)*

Cross-listed as: FMMC 0104 *

AMST 0107 Introduction to African American Culture (Fall 2020)

In this introductory survey we will focus on the study of African American culture in the United States, exploring various aspects of cultural production such as literature, music, visual arts, film, and performance. The guiding questions of the course are: what role has black culture played in shaping and responding to broader paradigms in American culture? How is lived experience implicated in the production of black culture? How have cultural products helped define, call into question, and celebrate “blackness?” Readings may include W. E. B. Du Bois’ *The Souls of Black Folk* (1903), Octavia Butler’s *Kindred* (1979), and Tricia Rose’s *Black Noise* (1994). 3 hrs. lect./disc. **AMR**, **NOR** *(W. Nash)*

Cross-listed as: BLST 0107

AMST 0175 Immigrant America (Spring 2021)

In this course we will trace American immigration history from the late 19th to the turn of the 21st century, and examine the essential place immigration has occupied in the making of modern America and American culture. The central themes of this course will be industrialization and labor migrations, aftermaths of wars and refugees, constructions of racial categories and ethnic community identities, legal defining of "aliens" and citizenship, and diversity in immigrant experiences. To explore these themes, we will engage a range of sources including memoirs, novels, oral histories, and films. **AMR**, **CW**, **HIS**, **NOR**

AMST 0209 American Literature and Culture: Origins-1830 (Fall 2020)

A study of literary and other cultural forms in early America, including gravestones, architecture, furniture and visual art. We will consider how writing and these other forms gave life to ideas about religion, diversity, civic obligation and individual rights that dominated not only colonial life but that continue to influence notions of "Americanness" into the present day. Required for all majors and minors.3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(E. Foutch)*

AMST 0210 Formation of Modern American Culture I: 1830-1919 (Spring 2021)

An introduction to the study of American culture from 1830 through World War I with an emphasis on the changing shape of popular, mass, and elite cultural forms. We will explore a widely-accepted scholarly notion that a new, distinctively national and modern culture emerged during this period and that particular ideas of social formation (race, class, gender, sexuality, etc.) came with it. We will practice the interdisciplinary interpretation of American culture by exploring a wide range of subjects and media: economic change, social class, biography and autobiography, politics, photo-journalism, novels, architecture, painting, and photography. Required of all American studies majors and minors. 3 hrs. lect./disc. **AMR**, **HIS**, **NOR**

AMST 0213 Introduction to Latina/o Studies (Fall 2020)

In this course we will undertake an interdisciplinary investigation of the unique experiences and conditions of U.S. Latina/os of Caribbean, Latin American, and Mexican descent. We will critically examine transnational cultures, patterns of circular migration, and intergenerational transformations from a historical perspective while also using methodologies from the humanities and social sciences. Topics will include the conquest of Mexico's northern frontier, Chicana/o and Nuyorican movements, Latina feminist thought, Latina/o arts, Central American migrations in the 1980s, Latina/o religiosities, as well as philosophies of resistance and acculturation. 3 hrs. lect. **AMR**, **HIS**, **NOR**, **SOC** *(R. Lint Sagarena)*

AMST 0214 Mastodons, Mermaids, and Dioramas: Capturing Nature in America (Fall 2020)

Why did 18th-century museums stuff and mount exotic and domestic animals? Why does the American Museum of Natural History still house dioramas of so-called native peoples hunting? How has the study and staging of nature transferred into various kinds of artistic expression? In this course we will examine the intertwining of art, science, and ecology in the United States from the 1700s to the present day. Objects of study will include museum dioramas, scientific models, artifacts and artworks collected during scientific expeditions, and the work of Walton Ford and Christy Rupp, contemporary artists whose work engages ecological issues. (not open to students who have taken FYSE 1447) 3 hrs. lect. **AMR**, **ART**, **CW**, **NOR** *(E. Foutch)*

AMST 0234 American Consumer Culture (Fall 2020)

For many Americans in the 20th century, consumer goods came to embody the promise of the "good life." Yet mass consumption also fostered economic, political, and social inequalities and engendered anti-consumerist activism. In this course we will pursue an interdisciplinary approach to American consumer culture, focusing on the rise of commercialized leisure and advertising; the role of radio, television, and film in shaping consumer practices; and the relationship of consumerism to social inequality and democratic citizenship. Readings will include works by Veblen, Marcuse, Bordieu, Marchand, Cohen, and Schor. 3 hrs. lect. **AMR**, **HIS**, **NOR** *(H. Allen)*

AMST 0240 Captivity Narratives (Spring 2021)

Captivity narratives—first-person accounts of people's experiences of being forcibly taken and held against their will by an "other"—were immensely popular and important in early America; the captivity motif has been perpetuated and transformed throughout later American literature and film. In this course we will explore what these types of tales reveal about how Americans have handled the issues of race and racism, religion, gender, violence and sexuality that experiences of captivity entail. Beginning with classic Puritan narratives (Mary Rowlandson) and moving forward through the 19th and 20th centuries, we will consider the ways that novels (*The Last of the Mohicans*), autobiographies (Patty Hearst, Iraqi captivity of Pvt. Jessica Lynch) and films (*The Searchers*, *Little Big Man*, *Dances with Wolves*) do cultural work in shaping and challenging images of American national identity. 3 hrs. lect. (Diversity) **AMR**, **ART**, **LIT**, **NOR**

Cross-listed as: ENAM 0240

AMST 0251 Constructing Memory: American Monuments and Memorials (Spring 2021)

“Democracy has no monuments,” John Quincy Adams once famously argued. “It strikes no medals; it bears the head of no man upon its coin; its very essence is iconoclastic.” Yet nearly 250 years after America’s founding, monuments and memorials surround us. In this course we will explore the memorializing impulse; the complexity and depth of emotion evoked by memorial acts; and the oftentimes heated controversies about modes, placement, and subject of representation. We will consider how and why America chooses to memorialize certain people and events, and what is gained—and sometimes erased—in the process. By choosing among a broad range of traditional and non-traditional modes of representation, we will consider how public memorials both reflect and shape Americans’ shared cultural values. The course will include site visits to local monuments and projects in which we propose designs or redesigns of memorials for a 21st century audience. **AMR**, **ART**, **CW**, **NOR**

AMST 0260 American Disability Studies: History, Meanings, and Cultures (Spring 2021)

In this course we will examine the history, meanings, and realities of disability in the United States. We will analyze the social, political, economic, environmental, and material factors that shape the meanings of "disability," examining changes and continuities over time. Students will draw critical attention to the connections between disability, race, ethnicity, gender, sexuality, socioeconomic status, and age in American and transnational contexts. Diverse sources, including films and television shows, music, advertising, fiction, memoirs, and material objects, encourage inter and multi-disciplinary approaches to disability. Central themes we consider include language, privilege, community, citizenship, education, medicine and technology, and representation. **AMR**, **HIS**, **NOR**, **SOC**

AMST 0263 American Psycho: Disease, Doctors, and Discontents (Pre-1900 AL) (Spring 2021)

What constitutes a pathological response to the pressures of modernity? How do pathological protagonists drive readers toward the precariousness of their own physical and mental health? The readings for this class center on the provisional nature of sanity and the challenges to bodily health in a world of modern commerce, media, and medical diagnoses. We will begin with 19th century texts and their engagement with seemingly "diseased" responses to urbanization, new forms of work, and new structures of the family and end with contemporary fictional psychopaths engaged in attacks on the world of images we inhabit in the present. Nineteenth century texts will likely include stories by Edgar Allan Poe, Nathaniel Hawthorne, Herman Melville, and Charlotte Perkins Gilman. Later 20th-century works will likely include Ken Kesey, *One Flew Over the Cuckoo's Nest*, Thomas Harris, *The Silence of the Lambs*, Susanna Kaysen, *Girl, Interrupted*, and Bret Easton Ellis, *American Psycho*. **AMR**, **LIT**, **NOR**

Cross-listed as: ENAM 0263 *

AMST 0281 Viewer Discretion Advised: Controversies in American Art & Museums, 1876-Present (Spring 2021)

What are the “culture wars,” and why do they matter? What ideas are considered too “obscene” for American audiences? In this course we will explore controversies and scandals sparked by public displays of art in the U.S. including: Eakins’s Gross Clinic (1876), seen as too “bloody” for an art exhibition; the U.S. Navy’s objections to Paul Cadmus’s painting of sailors (1934); censorship and NEA budget cuts (Mapplethorpe & Serrano, 1989); backlash to The West as America’s deconstruction of myths of the frontier (1991); tensions surrounding Colonial Williamsburg’s “slave auction” reenactment (1994); debates over the continued display (and occasional defacement) of Confederate monuments in the era of the Black Lives Matter Movement. 3 hrs. lect./disc. **AMR**, **ART**, **HIS**, **NOR**

AMST 0301 Madness in America (Spring 2021)

It's a mad, mad course. In this course we will focus on representations of madness from colonial to late 20th century America, emphasizing the links between popular and material culture, science, medicine, and institutions. We will consider how ideas about madness (and normalcy) reflect broader (and shifting) notions of identity. Thus, issues of race, ethnicity, gender and sexual orientation, community, class, and region will play significant roles in our discussions and critiques. To complement foundational readings, this course will draw on American literature, documentary and entertainment films, music, and materials from the college's special collections. **AMR**, **NOR**, **SOC**

AMST 0304 The Graphic Novel (Fall 2020)

In this course we will study some of the most widely respected graphic novels produced in the last thirty years. Our purpose will be to understand how the form works and is structured by its dual, but sometimes competing, interests in the verbal and the visual, and to think about distinct styles of illustration. We will also think about how landmark examples have shaped the form. Working with software designed for the purpose, students will use photographs to produce short comics of their own. Possible texts include: Alan Moore, *Watchmen*; Art Spiegelman, *Maus*; Chris Ware, *Jimmy Corrigan*; Alison Bechdel, *Fun Home*.3 hrs. lect. **AMR**, **LIT**, **NOR** *(M. Newbury)*

Cross-listed as: ENAM 0304

AMST 0307 Issues in Critical Disability Studies: U.S. and the World (Fall 2020)

Disability as a category and as lived experience plays an important but often overlooked role in national, transnational, and global contexts. In this course we will explore disability's changing meanings in the United States and around the World. Comparative and transnational approaches will draw our attention to disability's many meanings across wide-ranging historical, cultural, and geographical settings. Foundational concepts and principles, including ableism and Universal Design, shape our critical inquiry. Key themes frame the course: access, language, power, violence, normalcy, identity, community, institutions, and rights and justice. We will engage with diverse primary sources, from memoirs and documentary films to advertisements, material objects, and oral histories. 3 hrs. lect. **AMR**, **CMP**, **HIS**, **NOR**, **SOC** *(S. Burch)*

AMST 0339 Home: The Why Behind the Way We Live (Spring 2021)

In this course we will examine the development of numerous housing types in America (with references to Europe). The prevalence of the single-family home today and its importance as the symbol of the "American dream" was never a forgone conclusion. In fact, the American home has been the focus of and battleground for cooperative movements, feminism, municipal socialism, benevolent capitalism, and government interventions on a national scale. 3 hrs. sem. **AMR**, **ART**, **HIS**, **NOR**

Cross-listed as: HARC 0339 *

AMST 0342 Literature of the American South (AL) (Fall 2020)

In William Faulkner's *Absolom, Absolom!* Canadian Shreve McCannon commands his roommate, Mississippian Quentin Compson, "Tell about the South. What's it like there. What do they do there. Why do they live there. Why do they live at all?" Our course will take on writers who want to "tell about the South" in the post-Civil War era and beyond, as they seek to help re-define and revitalize their region. We will focus our regional exploration on the "Southern Renascence," when writers and theorists like the Agrarians re-examined Southern history and reconsidered their role in relation to their regional community. Authors including William Faulkner, Zora Neale Hurston, Robert Penn Warren, Eudora Welty, and Tennessee Williams developed a new awareness of the restrictions of racial and gender roles, an interest in literary experimentation, and an increasingly realistic presentation of social conditions in the south. We will consider the legacy of these writers in later 20th century texts by authors such as Flannery O'Connor, Walker Percy, Alice Walker, Cormac McCarthy, Ernest Gaines, Randall Kenan and even relative newcomers such as Jackson Tippett McCrea. (Not open to students who have taken FYSE 1336) 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(D. Evans)*

Cross-listed as: ENAM 0342

AMST 0400 Theory and Method in American Studies (Junior Year) (Fall 2020)

A reading of influential secondary texts that have defined the field of American Studies during the past fifty years. Particular attention will be paid to the methodologies adopted by American Studies scholars, and the relevance these approaches have for the writing of senior essays and theses. (Open to junior American studies majors only.) 3 hrs. lect./disc. *(H. Allen)*

AMST 0445 Vermont Life’s Vermont: A Collaborative Web Project (Spring 2021)

Students in this course will work collaboratively to build an online history project aimed at a wide audience. Since 1946, Vermont Life magazine has created particular images of the landscape, culture, and recreational possibilities in the state. Our goal will be to construct a website that examines the evolution of these images and the meaning of the state over time, paying particular attention to consumerism, the environment, tourism, urban-rural contrasts, local food movements, and the ways that race, class, and gender influence all of these. The course is open to all students and requires collaborative work but not any pre-existing technological expertise. 3 hrs. sem. **AMR**, **HIS**, **NOR**

Cross-listed as: HIST 0445 *

AMST 0500 Independent Study (Fall 2020, Spring 2021)

Select project advisor prior to registration.

AMST 0701 Senior Work (Fall 2020)

(Approval required)

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Department of Anthropology

***Major Requirements**:* A minimum of ten courses will constitute the major; at least eight of these courses (and all the core courses listed in the tracks below) must be fall and spring courses taught at Middlebury (e.g., not winter term courses or transfer credits). For a degree in anthropology, the major must complete the following requirements:

1) Introduction and Exploration:

a. Any two (2) of the following introductory courses: ANTH 103, 107, 109, and 159 (students may take the courses in any order or concurrently);

b. Any two (2) of the 200-level courses offered by the department;

2) Foundations:

a. History of Anthropological Thought: ANTH 306 (or SOCI 305 with approval from the Department Chair)

b. Any one (1) of the following Research Methods courses: ANTH 302, 396, and 392

3) Application and Synthesis:

a. One 400-level seminar.

b. Three electives (no more than one at 100-level; anthropology courses from other departments can count as electives with approval from the Department Chair). Note: students pursuing senior projects (see below) may only count one semester toward their elective requirement.

Optional Senior Project in Anthropology: To be eligible for departmental honors, students must complete an independent research project of at least one semester. This typically consists of either a one-semester senior project (ANTH 0700, one credit, usually 25-40 pages) or a two-semester senior project (ANTH 0710, two credits, usually 60-100 pages). Students who wish to work on a project for more than one semester must present their progress for review by two professors who will decide whether the project qualifies for extended study. A one-semester project can be either in the fall or spring semesters; a two- semester project is usually in the fall and winter semesters or in the winter and spring semesters. Variation from these patterns is possible by permission from the department. Senior project requirements for joint majors and other special circumstances will be approved in consultation with both departments.

An ANTH 0700 project requires a project advisor. If the advisor thinks that the project may deserve an A- or A, a second reader must evaluate the project. An ANTH 0710 project requires a committee including the project advisor and a second reader from within the Anthropology Department. It may also include an optional, third reader from another part of the College or the local community. Upon completion of the ANTH 0710 project, there will be an oral defense.

Departmental Honors: Students who earn an A- or higher on a 0700 or 0710 project and average an A- or higher in all Anthropology courses receive departmental honors.

Anthropology Minor Requirements: ANTH 0103 and four elective courses, no more than one of which can be at the 0100-level and no more than one of which can be a SOCI course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).

Applied Anthropology Minor Requirements*:* Any 0100-level course; ANTH 302, ANTH 396, or ANTH 492; and three elective courses from the list below. Other anthropology courses and anthropology courses in other departments can count with approval from the Anthropology Chair. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).

Existing courses as of Jan. 2020
ANTH 211 Environmental Anthropology (Sheridan)
ANTH 287 Medical Anthropology (Bright)
ANTH 329 Refugees or Labor Migrants? (Stoll)
ANTH 345 Anthropology of Food (Oxfeld)
ANTH 215 Sociology of Education (Tran)
ANTH 235 City and its People (Tran)
ANTH 274 Global Migration (Tran)
ANTH 351 Education and Social Policy (Tran)
ANTH 395 Environmental Communication (Nevins)

Future courses for 2020-21 and beyond
ANTH 350 Anthropology of Development (proposed, Sheridan, fall 2020)
ANTH/INTD 270 Anthropology of Global Corporations (proposed, Stoll/Nguyen, spring 2021)

Joint Majors in Anthropology: Joint majors consist of seven courses in Anthropology. Students must take one (1) course at the 100-level, two 200-level courses, 302 or 392 or 396, 306, one 400-level seminar, and one elective.

Joint Major in Anthropology and Sociology: The joint major in Anthropology and Sociology consists of twelve classes. The core courses are ANTH 103, SOCI 105, SOCI 301 or ANTH 302 or ANTH 396, and SOC 305 or ANTH 306. Students must also take one 400-level SOCI course, one 400-level ANTH course, and six electives. A 700-level course in ANTH or SOCI can replace one of the 400-level courses.

SOAN Requirements (applies only to SOAN majors who declared prior to Fall 2019)

Sociology and Anthropology once existed as a combined department. They are now separate departments, but they have retained the same course numbers (e.g., SOAN 0103 is now ANTH 0103, whereas SOAN 0105 is now SOCI 0105). Students who became SOAN majors or minors prior to Fall 2019 may follow the original requirements, reproduced below. They may also apply current ANTH or SOCI courses to fulfill those requirements, in consultation with the chair(s) of Anthropology and/or Sociology. The original major and minor descriptions are as follows:

Required for the Major in Sociology/Anthropology: A minimum of 10 courses will constitute the major; at least eight of these courses (and all the core courses listed in the tracks below) must be fall and spring courses taught at Middlebury (e.g., not winter term courses or transfer credits). No more than two electives may be introductory 0100-level courses.

There are three tracks within the department a student may choose from:

Track 1: Sociology/Anthropology consists of SOAN 0103, SOAN 0105, SOAN 0301 or SOAN 0302, and SOAN 0305 or SOAN 0306. Students must also take a 0400-level seminar. In addition, each sociology/anthropology track major will take five electives in the department, of which at least one must be at the 0300-level.

Track 2: Anthropology consists of SOAN 0103, either SOAN 0301 or 0302, SOAN 0306, a 300-level anthropology class, and a 0400-level anthropology seminar. In addition, anthropology track majors will take five electives, of which at least four must be anthropology, and of which at least one must be in archaeology or linguistic anthropology.

Track 3: Sociology consists of SOAN 0105, either SOAN 0301 or 0302, SOAN 0305, and a 0400-level sociology seminar. In addition, sociology track majors will take six electives, of which at least five must be sociology, and of which at least one must be a sociology course at the 300-level.

Joint Majors in Sociology/Anthropology
Joint majors can pursue a combined Sociology/Anthropology track, or they may specialize in the disciplines of Sociology or Anthropology. No more than one elective may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a winter term course or transfer credit). Any departures from this program must be approved by the department chair.

Joint track 1: Sociology/Anthropology consists of seven courses: SOAN 0103, SOAN 0105, SOAN 0301 or SOAN 0302, SOAN 0305 or SOAN 0306, a 400-level senior seminar, and two electives.

Joint track 2: ***Anthropology*** consists of seven courses: SOAN 0103, SOAN 0301 or SOAN 0302, SOAN 0306, a 400-level senior seminar in Anthropology, and three electives, of which at least two must be in Anthropology.

Joint track 3: ***Sociology*** consists of seven courses: SOAN 0105, SOAN 0301 or SOAN 0302, SOAN 0305, a 400-level senior seminar in Sociology, and three electives, of which at least two must be in Sociology.

Anthropology Minor: SOAN 0103 and four elective courses in SOAN, no more than one of which can be at the 0100-level and no more than one of which can be a sociology course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).

Sociology Minor: SOAN 0105 and four elective courses in SOAN, no more than one of which can be at the 0100-level and no more than one of which can be an anthropology course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).

Optional Senior Project in Sociology/Anthropology: To be eligible for departmental honors, students must complete an independent research project of at least one semester. This typically consists of either a one-semester senior project (SOAN 0700, one credit, usually 25-40 pages) or a two-semester senior project (SOAN 0710, two credits, usually 60-100 pages). Students who wish to work on a project for more than one semester must present their progress for review by two professors who will decide whether the project qualifies for extended study. A one-semester project can be either in the fall or spring semesters; a two-semester project is usually in the fall and winter semesters or in the winter and spring semesters. Variation from these patterns is possible by permission from the department. Senior project requirements for joint majors and other special circumstances will be approved in consultation with both departments.

A SOAN 0700 project requires a project advisor. If the advisor thinks that the project may deserve an A- or A, a second reader must evaluate the project. A SOAN 0710 project requires a committee including the project advisor and a second reader from within the Sociology/Anthropology department. It may also include an optional, third reader from another part of the College or the local community. Upon completion of the SOAN 0710 project, there will be an oral defense.

Departmental Honors: Students who earn an A- or higher on a 0700 or 0710 project and average an A- or higher in all Sociology/Anthropology courses receive departmental honors.

ANTH 0103 Diversity and Human Nature: Introduction to Cultural Anthropology (Fall 2020, Spring 2021)

This course introduces students to the varieties of human experience in social life and to the differing approaches and levels of analysis used by anthropologists to explain it. Topics include: culture and race, rituals and symbolism, kinship and gender roles, social evolution, political economy, and sociolinguistics. Ethnographic examples are drawn chiefly from non-Western societies, from simple bands to great agrarian states. The ultimate aim is to enable students to think critically about the bases of their own culture and about practices and beliefs previously unanalyzed and unexamined. (formerly SOAN 0103) 2 hrs. lect./1 hr. disc. **CMP**, **SOC** *(Fall 2020: E. Oxfeld)*

ANTH 0107 Introduction to Archaeology (Spring 2021)

Archaeology is the scientific analysis and interpretation of cultural remains. Archaeologists examine artifacts, architecture, and even human remains in order to answer questions about the growth and development of societies worldwide. In addressing these issues we not only illuminate the past but also explore patterns relevant to contemporary social concerns. From the tropical lowlands of Central America to the deserts of ancient Egypt, this course provides an introduction to world prehistory. We proceed from humanity's earliest beginnings to the development of complex societies worldwide and use case examples to explore the major topics, methods, and theories of contemporary archaeology. (formerly SOAN 0107) 2 hrs. lect./1 hr. lab. **CMP**, **HIS**, **SOC**

ANTH 0109 Language, Culture and Society (Fall 2020)

In this course students will be introduced to the comparative, ethnographic study of language in relation to socio-cultural context. Our readings will be drawn from diverse global settings and will focus upon language as the means by which people shape and are shaped by the social worlds in which they live. We will examine contrasts in ways of speaking across different communities, personal identities, and institutions. We will explore the consequences of communicative difference across a range of contact situations, including everyday conversation among peers, service encounters, political elections, and global connections or disconnections made possible through new media. (formerly SOAN 0109) 3 hrs. lect./disc. **CMP**, **SOC** *(M. Nevins)*

Cross-listed as: LNGT 0109

ANTH 0110 Current Social Issues in Japan (in English) (Fall 2020)

In this course we will use ethnography, fiction, and historical studies to examine some of the underlying themes of Japanese culture. Japan is a highly developed, post-industrial society renowned across the globe for economic success in the post-World War II period. What historical and social factors have shaped Japan’s contemporary culture, and how have interactions with other countries influenced Japanese society? We will study a number of different spheres of Japanese life including the family and the workplace to better understand contemporary society. We will pay special attention to Japan’s global position and its relationship to the United States. (formerly SOAN 0110) 3 hr. lect./disc. **AAL**, **NOA**, **SOC** *(L. White)*

ANTH 0211 Human Ecology (Spring 2021)

Environmental issues are also cultural and political conflicts, between competing social groups, economic interests and cultural paradigms. This course introduces students to human ecology, the study of how our adaptations to the environment are mediated by cultural differences and political economy. Topics include: how ecological anthropology has evolved as a subdiscipline, with a focus on systems theory and political ecology; how ritually regulated societies manage resources; how rural communities deal with environmental deterioration; and how contradictions between environmental protection, economic development, and cultural values complicate so many ecological issues. (SOAN 0103 or ANTH 0103 or SOAN 0107 or ANTH 0107, or SOAN 0109 or ANTH 0109, or SOAN 0159 or ANTH 0159 or ENVS 0112 or ENVS 0211 or ENVS 0215 or BIOL 0140, or instructor permission) (formerly SOAN 0211) 3 hrs. lect. **CMP**, **SOC**

ANTH 0225 Indigeneity and Colonialism in Native North America (Fall 2020)

In this course we will approach Native North America and the American political mainstream as dynamically intertwined. Through ethnography, ethno-history, oral literature, and indigenous film we will examine the history of colonial encounters between the Indigenous and the 'Western'. We will examine how indigenous cultural difference and moral claims to land have challenged dominant political cultures across the history of the North American settler states. Our analysis will extend to ongoing questions concerning cultural knowledge, sustainability, and imagined futures. 3 hrs. sem. **AMR**, **HIS**, **NOR**, **SOC** *(M. Nevins)*

ANTH 0227 The Aztec Empire and the Spanish Conquest (Fall 2020)

This course centers around the rise and fall of the Aztecs, the first state-level society encountered by the Spanish in 1519. Although primarily known today for their military exploits for what today is Mexico, the Aztecs produced great artisans, artists, and philosophers whose contributions endure in contemporary Mexican culture. We will trace the origins and development of Aztec civilization to its encounter with the Spanish in 1519. The course also covers the Spanish background for the Conquest, from the martial and political expulsion of Moors and Jews from the Iberian Peninsula in 1492 to the Spanish Inquisition. (formerly SOAN/HIST 0327) 3 hrs. lect./disc. **AAL**, **AMR**, **CMP**, **CW** (5 seats), **HIS**, **SOC** *(J. Fitzsimmons)*

ANTH 0228 The Rise and Fall of the Ancient Maya (Spring 2021)

As perhaps the most famous of all of the cultures of Mesoamerica, the Maya are best known for soaring temples, portraits of kings, a complex hieroglyphic writing system, and a dramatic collapse when their ancient kingdoms were abandoned or destroyed. In this course, we will view their accomplishments through the archaeology of the Classic Period (250-850 AD) and examine how the Maya built cities within the tropical jungles of present-day Mexico, Guatemala, Belize, El Salvador, and Honduras. We will also explore the history of the Maya after the “fall,” from their revival in the post-Classic Period to the present day. (formerly SOAN 0328) 3 hrs. lect./disc **AAL**, **AMR**, **SOC**

ANTH 0232 Africa and Anthropology: Power, Continuity, and Change (Fall 2020)

Sub-Saharan Africa has long represented primitive mysteries for Europeans and North Americans, as a 'Dark Continent' full of exotic people and animals. Even now, many Americans learn little about Africa and Africans except for 'thin' media reports of political, economic, and ecological upheaval or persistent poverty, disease, and despair. This course provides a 'thick' description and analysis of contemporary African conditions using ethnographies and films. We will not be exploring 'traditional African cultures' outside of their historical contexts or generalizing about 'what African culture really is.' Rather, our focus will be on understanding social continuity and change alongside cultural diversity and commonality. Topics will include colonialism, critical kinship studies, African feminism, environmental management, witchcraft and religion. Throughout the course African ideas of power – what it is, who has it, and why –unify these diverse topics as social relations. (formerly SOAN 0232) 3 hrs. lect. **AAL**, **HIS**, **SAF**, **SOC** *(M. Sheridan)*

ANTH 0241 The Anthropology of Warfare and Polarization (Fall 2020)

In this course we will use the anthropology of human evolution, religion and politics to identify the cognitive patterns that justify feuding, warfare, witchcraft, conspiracy theory, and ideological polarization. Beginning with animal behavior and hunting and gathering societies, we will study natural selection for accountability, moralism, and factionalism; how social groups define themselves through mimesis, othering and scapegoating; how scapegoating justifies aggression; how sacrifice and other forms of ritualizing victimhood generate sanctity, sacrilege, and outrage; and how religious and political loyalty tests enforce social boundaries (not open to students who have taken SOAN 0341 or SOAN 0344) 3 hrs. lect./disc. **SOC** *(D. Stoll)*

ANTH 0270 Anthropology of Global Corporations (Spring 2021)

Multinational corporations have become pervasive in the 21st Century global economy. No other social organization matches their ability to increase productivity and multiply wealth. Nor does any other social vehicle match their power to destabilize preexisting relationships. In this course we will learn about the anthropology of exchange and capitalism through ethnographies of corporations, corporate social responsibility, factory production, and financial speculation in the U.S., China, South Africa, and Papua New Guinea. We will also evaluate social-justice critiques of corporate structures: are they meritocracies or exclusionary kin-based networks? Do they build community or merely offload costs? For the final project, students will have the option of doing ethnographic research on a for-profit or not-for-profit enterprise. 3 hours, lct/disc, **CMP**, **SOC**

ANTH 0274 The Causes, Dynamics, and Consequences of International Migration (Fall 2020)

Whether they are asylum seekers, undocumented or legal migrants, large-scale movements of people across international borders raises important questions about human rights, nationality, and place. This global flow also presents unique challenges to both newcomers and residents of the receiving society as both sides contend with issues of loyalty, belonging, and identity. In this course we will examine these important issues using the United States as the primary (though not exclusive) context. Drawing upon historical and contemporary material, we will also discuss the social, cultural, political, and economic consequences of global migration.(formerly SOAN 0274) 3 hrs. lect./disc. **AMR**, **CMP**, **NOR**, **SOC** *(T. Tran)*

ANTH 0287 Medical Anthropology: Approaches to Affliction and Healing (Fall 2020)

In this course, an introduction to medical anthropology, we will explore cultural and political-economic perspectives on health, illness, and disease. Topics covered include: (1) biocultural approaches to understanding health; (2) medical systems, including biomedicine and others; (3) the effects of poverty and inequality on health outcomes; and (4) the social construction of health and illness. Students will apply these concepts in understanding an aspect of health, illness, or healing in their own research project with an ethnographic component. An introductory course in anthropology or familiarity with medical or public health issues is recommended. (formerly SOAN 0387) 3 hrs. lect./disc. **CMP**, **SOC** *(K. Bright)*

ANTH 0302 The Research Process: Ethnography and Qualitative Methods (Fall 2020)

The aim of this course is to prepare the student to conduct research, to analyze and present research in a scholarly manner, and to evaluate critically the research of others. Practice and evaluation of such basic techniques as observation, participant-observation, structured and open-ended interviews, and use of documents. Introduction to various methodological and theoretical frameworks. Thesis or essay prospectus is the final product of this course. Strongly recommended for juniors. Three-hour research lab required. (SOAN 0103 or ANTH 0103 or SOAN 0105 or SOCI 0105) (formerly SOAN 0302) 3 hrs. lect./disc./3 hrs. research lab **CW**, **SOC** *(K. Bright)*

ANTH 0304 Gender, Culture, and Power (Fall 2020)

This course offers a cross-cultural introduction to the issues involved in the study of women and gender. Such an endeavor raises a number of difficult and delicate issues. What explains the diversities and similarities in women's roles across societies? How do we assess women's status and power, and how do we decide which standards to use in doing so? What forces create changes in women's roles? What is the relationship between gender constructions and the nature of communities, economies, and even nations? Our analysis will concentrate on three primary domains: family and kinship, symbolic systems, and political economy. Course readings will focus primarily on non-Western societies. 3 hrs. lect./disc. *(National/Transnational Feminisms)/* **AAL**, **CMP**, **SOC** *(E. Oxfeld)*

Cross-listed as: GSFS 0304

ANTH 0306 Topics in Anthropological Theory (Spring 2021)

This course gives an introduction to some important themes in the development of anthropological thought, primarily in the past century in anglophone and francophone traditions. It emphasizes close comparative reading of selections from influential texts by authors who have shaped recent discourse within the social sciences. (SOAN 0103 or ANTH 0103 or SOAN 0107 or SOCI 0107 or SOAN 0109 or ANTH 0109 or SOAN 0159 or ANTH 0159) (formerly SOAN 0306) 3 hrs. lect. **SOC**

ANTH 0321 Language Endangerment and Renewal (Spring 2021)

Out of the world’s roughly 7000 languages, 3000 are at risk for falling out of use in their communities of origin. Most endangered languages are indigenous, their speakers having responded to colonial dispossession by shifting to politically and economically dominant languages. While all languages change, indigenous language endangerment represents an unprecedented loss of global linguistic diversity. Some communities have responded to the threat of language loss with programs designed to revitalize and renew heritage languages for future generations. Drawing upon comparative case studies from around the world, this class establishes a linguistic anthropological approach to language endangerment, renewal, and revitalization. 3 hrs. lect. **CMP**, **SOC**

Cross-listed as: LNGT 0321

ANTH 0335 The Anthropology of China (Spring 2021)

China serves as a case study in the anthropological analysis of a complex rapidly changing non-Western society. This course will be a survey of the principal institutions and ideas that form the background to modern Chinese society. Areas covered include: family and kinship, ritual, transformations of class hierarchies, and the impact of globalization. Materials will be drawn from descriptions of traditional, contemporary (including both mainland and Taiwanese settings), and overseas contexts. (formerly SOAN 0335) 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **SOC**

ANTH 0337 Love, Sex, and Marriage (Spring 2021)

What are the social terms for sexual agency in countries around the world? How is marriage understood through idealizations of romance as well as familial expectations of duty or status? In this course we consider how other cultures' views on love, sex, and partnership are made legible and illegible within broader cultural, moral, and state interests. The course asks for in-depth participation, short weekly writings, and a longer final paper that each engage ethnographic works on a range of topics, from critical studies of love and globalization to queer kinmaking, rituals of the 'lavish wedding,' and everyday ways of hooking up and breaking up online. 3 hrs. lect. **CMP**, **SOC**

ANTH 0340 The Traveling Tonic: Geographies of Medicine, Science, and the Body (Spring 2021)

Medical practice does not operate within bounded systems but moves in highly transactional and molten ways—from the circulation of classical Chinese and Indian manuscripts to transnational movements of genes, gametes, and drugs. In this seminar we draw on ethnographic examples to grasp the importance of migration in producing science. The metaphor of travel enables us to pivot from Eurocentric histories of science to disrupt what we mean by global medicine. At the same time, the figure of the tonic enables us to think about the many sorts of life (plants, distillates, vectors, etc.) that make up medicine today. (ANTH 0287) 3 hrs. sem. **SOC**

ANTH 0345 The Anthropology of Food (Spring 2021)

Food not only sustains bodies, but also reflects and shapes cultures, social identities, and systems of power. In this course we examine the relationship between food and culture. Beginning with an examination of the origins of cooking, we will go on to analyze a variety of approaches to understanding the food/culture/society relationship. These include the symbolic meanings of food, the role of food in constructing social and cultural identities, and the relationship between food and political and economic systems. Our examples will be cross-cultural (Africa, South and East Asia, Europe, and the Americas). 3 hrs. sem. **AAL**, **CMP**, **SOC**

ANTH 0351 Education and Social Policy (Fall 2020)

School choice programs like charter and magnet schools are dramatically altering the educational landscape in the United States. In this course we will examine the premise that we can overcome the challenges of children living in poor neighborhoods by severing the traditional link between neighborhoods and schools and by providing access to extralocal high-quality schools. But who gets to exercise such choice? Does school choice result in better educational outcomes? We will also explore the relationship between school and neighborhood inequality. How do these two contexts work together to reproduce, intensify, or ameliorate spatial and educational inequities? (formerly SOAN/SOCI 0351) 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(T. Tran)*

Cross-listed as: EDST 0351 *

ANTH 0357 Death and the Body (Fall 2020)

This course will provide an overview of how archaeologists and anthropologists encounter and interpret death in societies worldwide. We will look at death and the body from the perspective of burials and tombs, discussing ancient and modern conceptions of souls, afterlives, and identities. Drawing upon my own research in the tropical lowlands of Guatemala and Honduras, we will compare Maya attitudes towards death with those of other world societies, from the mummies of ancient Egypt to modern jazz funerals in New Orleans. We will explore different ideas about death, social boundaries, and even what it is to be human. 3 hrs. lect. **AAL**, **AMR**, **CMP**, **CW** (5 seats), **SOC** *(J. Fitzsimmons)*

ANTH 0395 Environmental Communication (Spring 2021)

Do languages simply put different labels on the environment, from rocks to trees to carbon, or are what we see and what we value shaped by the ways that we talk about it? Drawing upon ethnography, linguistics, and critical discourse analysis, we will explore how environmental perceptions and modes of action are formed in and through language. We will bring an appreciation of language differences to the analysis of ongoing environmental controversies, where the various stakeholders draw contrasting boundaries between nature and culture and define human involvement with nature in different ways. (formerly SOAN 0395) 3 hrs. lect./disc. **CMP**, **SOC**

ANTH 0450 Anthropology of Development (Fall 2020)

Is development about growing an economy or fostering justice? This course investigates efforts to alleviate poverty and build sustainable communities. Why do so many development interventions fail? Anthropologists show how aid projects are often undermined by structural, institutional, and cultural hierarchies. In this course we will examine the history of state-led and NGO development strategies and the role of anthropology in development design and evaluation. Our study of what ‘does not work’ will contrast with ‘what does’ by asking the critical social question of ‘for whom.’ Students will learn to write and present policy briefs, project proposals, and program evaluations. 3 hrs. sem. **SOC** *(M. Sheridan)*

ANTH 0500 Advanced Individual Study (Fall 2020, Spring 2021)

Prior to registering for ANTH 0500, a student must enlist the support of a faculty advisor from the Department of Anthropology. (Open to Majors only) (Approval Required)

ANTH 0700 One-Semester Senior Project (Fall 2020, Spring 2021)

Under the guidance of a faculty member, a student will carry out an independent, one-semester research project, often based on original data. The student must also participate in a senior seminar that begins the first week of fall semester and meets as necessary during the rest of the year. The final product must be presented in a written report of 25-40 pages, due the last day of classes.

ANTH 0710 Multi-Semester Senior Project (Fall 2020, Spring 2021)

Under the guidance of a faculty member, a senior will carry out an independent multi-semester research project, often based on original data. The student must also participate in a senior seminar that begins the first week of fall semester and meets as necessary during the rest of the year. The final product must be presented in a written report of 60-100 pages, due either at the end of the Winter Term or the Friday after spring break.

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Department of Arabic

The Arabic major requires four years of language study or their equivalent. Majors must also choose one disciplinary concentration: Arabic literature, Arabic linguistics, or a well-defined course of study with a focus on the Arab world. Each disciplinary concentration requires the completion of at least three content courses, including one introductory methods course specific to the chosen discipline. Majors are also required to prepare a project or a thesis for their senior capstone experience.

Major in Arabic: (Minimum number of courses: 13, including required senior work)

Students majoring in Arabic must take:

1) Arabic language through ARBC 0302 or the equivalent: ARBC 0101, ARBC 0102, ARBC 0103, ARBC 0201, ARBC 0202, ARBC 0301, ARBC 0302;

2) Two courses taught in Arabic at the 0400-level, at least one of which is taken at Middlebury College's Vermont campus. Arabic 0400-level courses taken at a Middlebury school abroad site require departmental approval of the syllabus and a dossier of all written work (normally consisting of at least two exams and eight typed pages of Arabic);

3) One of the following:

a. ENAM 0205, plus two additional courses with the ARBC prefix in Arabic literature taken at Middlebury College's Vermont campus (for students pursuing senior work in literature);

or

b. One of LNGT 0101, LNGT 0102 or LNGT 0109, plus two additional courses with the ARBC prefix in Arabic linguistics taken at Middlebury College's Vermont campus (for students pursuing senior work in linguistics);

or

c. Students may structure their own disciplinary focus within the Arabic major in consultation with their major advisor by providing a well-defined course of study that must include (i) one introductory methods course specific to the chosen discipline (in English); and (ii) two disciplinary electives bearing the ARBC prefix (in Arabic or English), taken at Middlebury College's Vermont campus.

4) Students must spend at least one semester at a Middlebury school abroad site. The Arabic Department strongly recommends that students spend a full year abroad. Students studying abroad for a full academic year may count at most one course taken abroad towards the disciplinary elective requirements, subject to prior approval of their major advisor and contingent upon submission of the syllabus and a dossier of all written work (normally consisting of at least two exams and six typed pages of Arabic).

A major may count 400-level courses towards the fulfillment of the disciplinary electives once the 400-level language course requirement in #2 is complete.

Senior Work: Majors are required to prepare a one-term senior project (ARBC 0700), or a two-term thesis (ARBC 0700/0701, taken in Fall and Winter or Winter and Spring). Senior projects and theses may be written in English, but must demonstrate significant use of Arabic sources. Senior theses will include a 2000-word summary in Arabic.

Departmental honors are determined by a combination of thesis grade and grade point average in courses taken at the Arabic Program at Middlebury College, the Middlebury summer Arabic School, and Middlebury College's study abroad sites.

Joint Major: Joint majors with other departments must: 1) complete Arabic language coursework through ARBC 0302 or the equivalent prior to the commencement of senior work, 2) take, at Middlebury College's Vermont campus, two courses with the ARBC prefix related to Arabic literature, Arabic linguistics, or another well-defined disciplinary focus in consultation with their Arabic advisor, and 3) complete a senior project that explicitly engages the scholarly methodologies of both departments.

Minors in Arabic: The Arabic Department offers two minors.

(a) **The Arabic Minor** requires 1) studying Arabic language through ARBC 0302 or the equivalent; and 2) taking two courses with the ARBC prefix related to Arab culture (cinema, literature, pop-culture, etc.) or Arabic linguistics. Only one of the two courses on Arab culture or Arabic linguistics may be taken abroad. (See above for guidelines regarding courses taken at schools abroad and at the summer Language Schools.)

(b) **The Minor in Arabic Studies** requires taking five courses with the ARBC prefix, excluding ARBC 0101, 0102, 0103, 0201, 0202, 0301, and 0302.

ARBC 0101 Beginning Arabic I (Fall 2020)

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. This course stresses written and oral communication, using both formal Arabic and some Egyptian dialect. Emphasis is also placed on reading authentic texts from Arabic media sources, listening to and watching audio and video materials, and developing students' understanding of Arab culture. 6 hrs lect/disc. **LNG** *(S. Liebhaber, U. Soltan)*

ARBC 0103 Beginning Arabic III (Spring 2021)

This course is a continuation of ARBC 0102. 6 hrs. lect/disc (ARBC 0102 or equivalent) **LNG**

ARBC 0201 Intermediate Arabic I (Fall 2020)

This course is a continuation of ARBC 0103. Emphasis is placed on reading authentic materials from Arabic media, expanding students' vocabulary, listening to and watching audio and video materials, and developing students' understanding of Arab culture and communicative competence. (ARBC 0103 or equivalent) 6 hrs. lect/disc **LNG** *(R. Greeley)*

ARBC 0202 Intermediate Arabic II (Spring 2021)

This course is a continuation of Arabic 0201. Fifth in a series of courses that develop reading, speaking, listening, writing, and cultural skills in Arabic. This course stresses communication in formal and spoken Arabic. (ARBC 0201 or equivalent). 6 hrs. lect/disc **LNG**

ARBC 0227 Arabic Sociolinguistics (taught in English) (Spring 2021)

In this course we will focus on the inter-relationships between the way Arabic is used by native speakers and the various social contexts affecting that usage. In particular, we will discuss the phenomenon of diglossia in Arabic speech communities (that is, the co-existence of Modern Standard Arabic with the vernacular Arabic dialects of today); aspects of linguistic variation and change in the Arab world; the relation between register and language; as well as the relation between language and such sociological variables as education, social status, political discourse, and gender. Readings are primarily drawn from sociolinguists' studies in the Arab world. (ARBC 0101 or instructor's approval) **AAL**, **MDE**, **SOC**

Cross-listed as: LNGT 0227

ARBC 0245 Human-Environment Relations: Middle East (Fall 2020)

In this course we will begin with an environmental history of Iraq, Syria, and Lebanon, asking such questions as: How does politics affect conservation practice? To what extent are formulations of nature constructed socially and politically? Whose rights are affected by protected areas and who decides governance criteria? The objectives of this course include providing students with an understanding of human-environment relations theory by addressing the regional specifics of modern environmental and social histories of these countries. We will look at animals, water, and forests in the literature of NGOs, UNEP reports, media, policy papers, and the academic literature. (One of the following: ENVS 0112, GEOG 0100, IGST 0101, SOAN 0103; Or by approval) (not open to students who have taken FYSE 1523) 3 hrs. lect. **AAL**, **MDE**, **SOC** *(R. Greeley)*

Cross-listed as: ENVS 0245

ARBC 0301 Advanced Arabic 1 (Fall 2020)

A continuation of Arabic 0202. This course aims to help students reach an intermediate-high level of proficiency in reading, speaking, writing, listening, and culture. Readings include articles on cultural, social, historical, political and literary topics. (ARBC 0202 or equivalent) 3 hrs. lect/disc **LNG** *(U. Soltan)*

ARBC 0302 Advanced Arabic II (Spring 2021)

This course is a continuation of Arabic 0301. It aims to help students reach an advanced level of proficiency in reading, speaking, and writing Arabic, as well as to develop further an understanding of Arab culture. Readings include articles on cultural, social, historical, political, and literary topics. Course will be conducted entirely in Arabic. (ARBC 0301 or equivalent) 3 hrs. lect/disc. **LNG**

ARBC 0414 Readings in Modern Arabic Literature (Fall 2020)

In this course students will engage modern and contemporary literature in the original Arabic language. In addition to reading an Arabic novel, we will examine other literary-aesthetic genres such as poetry, plays, and short stories. Throughout, we will analyze and discuss the role of modern Arabic literature in exposing and challenging various systems of marginalization and injustice in the Arab world and beyond. (ARBC302 or equivalent) 3 hrs. sem. **AAL**, **LIT**, **LNG**, **MDE** *(S. Liebhaber)*

ARBC 0431 The Environmental Middle East: Forests, Rivers, and Peoples (Spring 2021)

In this course we will examine the environmental history of the Middle East and contemporary conservation practices in this region, focusing on four environmental case-studies: a contemporary conservation project in Lebanon, the Ghuta Forest of Damascus, the GAP dam project in Syria, and the marshes of Southern Iraq. We will consider these sites of contested power relations, cultural practice, and memory through the lenses of political and environmental essays, academic critiques, policy papers, historical documents, current media, and literary works. The objectives of this course: to provide students with a solid grasp of contemporary Middle Eastern environmental history, to address the key elements of cultural practice in each geographic area, and to achieve advanced proficiency in Arabic, including a mastery of environmental terminology. (ARBC 0302 or equivalent) 3 hrs. sem. **AAL**, **LNG**, **MDE**, **SOC**

ARBC 0500 Independent Study (Fall 2020, Spring 2021)

(Approval Required)

ARBC 0600 Senior Project (Fall 2020, Spring 2021)

(S. Liebhaber)

ARBC 0700 Senior Thesis I (Fall 2020, Spring 2021)

Approval required.

ARBC 0701 Senior Thesis II (Fall 2020, Spring 2021)

Approval required.

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Department of Biology

***Requirements for the Biology Major*:** Requirements for the biology major encourage both breadth across the subdisciplines of biology as well as depth in at least one subdiscipline. The introductory sequence includes two courses, BIOL 0140 Ecology and Evolution and BIOL 0145 Cell Biology and Genetics, both of which are designed for students in their first year at the college who are considering a major in the life sciences, or for whom an in-depth coverage of the life sciences is of interest.

Requirements for the twelve course biology major are as follows:

BIOL 0140 Ecology and Evolution
BIOL 0145 Cell Biology and Genetics
BIOL 0211 Experimental Design and Data Analysis

Two organismal courses from among BIOL 0201 Invertebrate Biology, BIOL 0202 Comparative Vertebrate Biology, BIOL 0203 Biology of Plants, BIOL 0302 Vertebrate Natural History, and BIOL 0310 Microbiology.

A college-level chemistry course with laboratory [NOTE: AP credit in chemistry or a bypass examination *cannot* be used to satisfy this requirement].

Six biology electives from the 0200-0701 level, with the following restrictions: (a) at least two electives must include a laboratory section; and(b) no more than one semester of independent research (BIOL 0500, BIOL 0700, or BIOL 0701) may count as elective credit toward the major.

Guidelines and Restrictions Relevant to the Selection of Courses for the Major:
It is expected that the core courses (BIOL 0140 and BIOL 0145) will be completed by the end of the third semester. BIOL 0140 is not open to seniors & second semester juniors in the Fall.

Except for transfer students, BIOL 0140 and BIOL 0145 must be taken at Middlebury College.

The course in experimental design and data analysis (BIOL 0211) should be taken by the end of the sophomore year.

Departmental courses offered with laboratories must be taken with the laboratory to satisfy major or joint major requirements.

Electives may include only one semester of independent research (BIOL 0500, BIOL 0700, or BIOL 0701), and two winter term courses designated for major credit (not including BIOL 0211).

A maximum of three courses taken off campus may be credited toward completion of the major or joint major. This includes courses taken at the Marine Biological Laboratory at Woods Hole. No credit in Biology will be granted for independent study projects conducted during off-campus study programs.

Except for transfer students, off-campus biology courses must be beyond the introductory level.

When a course is offered at Middlebury with a lab or prerequisites, an equivalent off-campus

course must also include a lab or prerequisites.

Requirements for a Minor in Biology: BIOL 0140 and BIOL 0145, and three elective courses from 0200-, 0300-, and 0400-level courses in the department. One of the electives must be an organismal course (BIOL 0201, 0202, 0203, 0302, or 0310), AND one of which must be at the 0300 or 0400 level.

Guidelines and Restrictions for the Minor:
Except for transfer students, BIOL 0140 and BIOL 0145 must be taken at Middlebury College.

The three electives need to be related thematically.

When a course is offered at Middlebury with a lab or prerequisites, an equivalent off-campus course must also include a lab or prerequisites.

Transfer credit for a course will be given only after the department chair reviews the course material upon a student's return to campus. (See guidelines for transfer credit.)

Joint Major: The Department of Biology does not offer a joint major other than the joint major in Biology and Environmental Studies described below.

Requirements for the Molecular Biology and Biochemistry Major*:* See the listing for the Program in Molecular Biology and Biochemistry for a description of this major.

Requirements for the Neuroscience Major: See the listing for the Program in Neuroscience for a description of this major.

Requirements for the Joint Major with Environmental Studies: See the listing for the conservation biology focus under the Program in Environmental Studies.

Graduate or Professional Training: Students considering graduate or professional school in the life sciences should note that many programs require a year of introductory chemistry, a year of organic chemistry, a year of physics, and a year of calculus for admission. Students are therefore strongly encouraged to meet with their faculty advisors early in their undergraduate career so the advantages of taking additional courses in the natural sciences can be discussed.

Departmental Honors: Students with an average of 3.5 or higher in departmental courses other than BIOL 0500, BIOL 0700, and BIOL 0701 are eligible for departmental honors, for which successful completion of BIOL 0701 is also required (see below). The Biology Department awards two levels of honors: honors and high honors.

Criteria for Honors: Students with an average of 3.5 or higher in departmental courses (other than BIOL 0500, BIOL 0700, and BIOL 0701) and a grade of A- or above on their thesis will be awarded honors.

Criteria for High Honors: High honors will be awarded to students who meet all of the criteria for honors and who, in addition, have completed theses of *exceptionally high quality*. Determination of honors or high honors is based on a formal recommendation from the thesis committee, and requires the approval of the Biology Department faculty.

The thesis process is described in detail in the “Student & Faculty Research” portion of the departmental website, and all students interested in conducting thesis research should read that section of the website in detail. Normally, research for thesis projects begins during the first term of a student's senior year (or during the preceding summer). Students interested in

field research should talk with a faculty member by winter term of their junior year. All other prospective thesis students should consult with prospective advisors concerning possible thesis projects by spring term of their junior year. Thesis projects must be of at least two terms' duration (one term of BIOL 0500 or BIOL 0700 and one of BIOL 0701) and result in the production of a written thesis, a public presentation of the thesis research, and an oral defense of the thesis before a committee of at least three faculty members, two of whom must be Biology faculty. With instructor approval, independent research conducted during the summer may be considered as a substitute for the first term of the project. In such cases, the off-campus work would satisfy the BIOL 0500 or BIOL 0700 prerequisite for enrollment in BIOL 0701, but would not itself be credit-bearing. The thesis grade reflects performance in all aspects of the thesis process. Note that although completion of a thesis is one prerequisite for receiving honors, students may undertake a thesis regardless of whether they meet the other criteria for honors.

***Advanced Placement Credit*:** Middlebury College grants one college credit for a score of 5 on the biology advanced placement exam. However, because the biology department does not offer any introductory course that is the equivalent of an AP biology course, advanced placement credit does not exempt a student from any of the published requirements for the major, minor, or joint majors, nor can it satisfy the college's distribution requirement.

***Off-Campus Study*:** Students interested in taking biology courses off campus are strongly encouraged to discuss their plans with their advisor early in their college careers. Students should see the "Guidelines and Restrictions" section under the requirements heading for the biology major to learn more about obtaining transfer credit. Students seeking approval for biology courses taken off campus should be prepared, upon their return, to document course content with syllabi and class notes.

BIOL 0140 Ecology and Evolution (Fall 2020, Spring 2021)

In this introduction to ecology and evolutionary biology we will cover the topics of interspecific interactions (competition, predation, mutualism), demography and life-history patterns, succession and disturbance in natural communities, species diversity, stability and complexity, causes of evolutionary change, speciation, phylogenetic reconstruction, and population genetics. The laboratory component will examine lecture topics in detail (such as measuring the evolutionary response of bacteria, adaptations of stream invertebrates to life in moving water, invasive species and their patterns of spread). We will emphasize experimental design, data collection in the field and in the laboratory, data analysis, and writing skills. This course is not open to seniors and second semester juniors in the Fall. 3 hrs. lect./disc./3 hrs. lab **DED**, **SCI**
(Fall 2020: K. Coe, E. Eggleston)

BIOL 0145 Cell Biology and Genetics (Fall 2020, Spring 2021)

In this introduction to modern cellular, genetic, and molecular biology we will explore life science concepts with an emphasis on their integral nature and evolutionary relationships. Topics covered will include cell membrane structure and function, metabolism, cell motility and division, genome structure and replication, the regulation of gene expression and protein production, genotype to phenotype relationship, and basic principles of inheritance. Major concepts will be illustrated using a broad range of examples from plants, animals, and microorganisms. Current topics in biology will be integrated into the course as they arise. (For students matriculating in Fall 2019 or later: CHEM 0103 or equivalent) 3 hrs. lect./3 hrs. lab **DED**, **SCI** *(Fall 2020: C. Combelles, M. Spritzer)*

BIOL 0201 Invertebrate Biology (Fall 2020)

The study of invertebrate animals, which comprise more than 90 percent of all animal species and represent the most diverse approaches to life on earth. A wide variety of protozoans, cnidarians, echinoderms, mollusks, crustaceans, arachnids and insects are examined. Animals are studied both in the field and the lab.. Emphasis is upon their taxonomy, phylogeny, ecology, behavior, and adaptations to various habitats. . Specialized topics include regeneration, parasitology, agricultural and medical applications, and invertebrates in the arts and literature. Oral and written reports are required. (BIOL 0140) 3 hrs. lect./3 hrs. lab **SCI**

BIOL 0203 Biology of Plants (Fall 2020)

An introduction to plants, their life cycles, and their relationships to each other, as well as to the animals that pollinate them, disperse their fruits, and eat them. We will discuss morphology, physiology, evolution, and natural history of plants (mosses, ferns, gymnosperms, angiosperms). The laboratory will emphasize plant identification, various aspects of plant ecology and physiology, plant morphology, and plant use by humans. Students will complete a Community Service component, such as completing a forest inventory for a local forest, assisting with the campus tree map, or help with seed-saving measures at the College Organic Garden. Field trips will be the norm early in the semester. (BIOL 0140 and BIOL 0145) 3 hrs. lect./3 hrs. lab **SCI** *(K. Coe)*

BIOL 0211 Experimental Design and Statistical Analysis (Fall 2020, Spring 2021)

Experimental design is one of the most important parts of doing science, but it is difficult to do well. How do you randomize mice? How many replicate petri plates should be inoculated? If I am measuring temperature in a forest, where do I put the thermometer? In this course students will design experiments across the sub-areas of biology. We will run student designed experiments, and then learn ways to analyze the data, and communicate the results. Students planning to do independent research are encouraged to take this course. (BIOL 0140 or BIOL 0145). **DED** (Fall 2020) *(Fall 2020: D. Allen)*

BIOL 0216 Animal Behavior (Spring 2021)

The behavior of animals primarily from an ethological perspective, with respect to genetics, physiology, evolution, and other biological factors. The course follows the history and methods of studying individual and social behaviors like feeding, courtship, mating, parental care, defense, predation, and migration. We examine live animals in the field and lab to illustrate such processes as instinct, learning, and communication. Discussion topics address recent research, and students design their own research projects. Oral, and written reports are required. (BIOL 0140 or BIOL 0145) 2.5 hrs. lect./1 hr. video screen./3 hrs. lab **SCI**

BIOL 0230 Global Change Biology (Spring 2021)

We will examine the effects of global climate change on the earth system. Our emphasis will be on exploring what we know about the impacts of climate change on ecosystems, and how we know it: how do biologists study processes on a global scale? How accurately can we predict future changes in ecosystem distribution and function? We will also delve into how changing ecosystem processes are likely to affect humans, through impacts on ecosystem services, for example. The course will culminate with an examination of science communication, and students will engage in independent projects to practice the art of effective science communication. (BIOL 0140) 3 hrs. lect. **SCI**

BIOL 0304 Aquatic Ecology (Fall 2020)

In this course we will combine field-based laboratory exercises with classroom activities to examine how humans interact with aquatic ecosystems and how these systems contribute to our understanding of fundamental ecological concepts. Our field trips will focus on aquatic ecosystems and organisms in Vermont, but we will also consider aquatic ecology more broadly through several modules linking processes across ecological scales from whole ecosystems to individual organisms. Evaluation will be based on periodic quizzes, reports synthesizing the laboratory modules, exams emphasizing the concepts covered, and an independent research project. (BIOL 0140). 3 hrs. lect./3 hrs. lab. **SCI** *(E. Moody)*

BIOL 0305 Developmental Biology (Spring 2021)

Have you ever wondered how an embryo develops from a simple fertilized egg to a complex adult? This course explores this question, examining the preparation and initiation of development (gametogenesis, fertilization, cleavages, and gastrulation), the formation of embryonic structure (morphogenesis), the creation of embryonic pattern (pattern formation), and the control of gene expression during embryogenesis. In lab, students will design and carry out experiments at the cutting edge of developmental biology, incorporating modern cellular, molecular, and genetic techniques with classical embryological approaches. Fundamental mysteries of development will be investigated in model organisms that best illustrate each process. (BIOL 0140 and BIOL 0145) 3 hrs. lect./4 hrs. lab **SCI**

BIOL 0310 Microbiology (Spring 2021)

The microbiological principles emphasized in this class will provide students with a foundation for advanced study in many areas of contemporary biology. The course will integrate basic and applied aspects of microbiology into a study of the prokaryotic microorganisms. General principles of bacterial cell structure, function, and the role of microorganisms in industry, agriculture, biotechnology, and disease will be discussed. An independent laboratory project will stress basic microbiological techniques as applied to the isolation, characterization, and identification of microorganisms from the natural environment. (BIOL 0140 and BIOL 0145 and CHEM 0203) 3 hrs. lect./4 hrs. lab./1 hr. prelab. **SCI**

BIOL 0314 Molecular Genetics (Fall 2020, Spring 2021)

This course will focus on the structure and function of nucleic acids in both prokaryotes and eukaryotes. Lectures will center on molecular mechanisms of mutation, transposition, and recombination, the regulation of gene expression, and gene control in development, immune diversity and carcinogenesis. Readings from the primary literature will complement the textbook and classroom discussions. The laboratory will provide training in both classic and contemporary molecular-genetic techniques including nucleic acid isolation and purification, cloning, electroporation, nick-translation, Southern/Northern blotting, DNA sequencing, PCR and RT-PCR. (BIOL or MBBC majors, or by waiver. BIOL 0140 and BIOL 0145 or waiver) 3 hrs. lect./4 hrs. lab./1 hr. prelab. **SCI** *(Fall 2020: G. Ernstrom)*

BIOL 0323 Plant Community Ecology (Spring 2021)

This course will explore the structure and dynamics of plant communities, with a particular emphasis on temperate forest communities. We will investigate patterns in community diversity and structure, explore how plant populations and plant communities respond to environmental disturbances, and investigate the effects of anthropogenic influences (climate change, introduced species, habitat conversion) on plant communities. Labs will emphasize fieldwork at local research sites, and will provide exposure to techniques of experimental design in plant ecology and basic approaches to describing plant community structure and dynamics. (BIOL 0140) 3 hrs. lect./3 hrs. lab. **CW** (5 seats), **SCI**

BIOL 0365 Molecular Microbial Ecology (Fall 2020)

Molecular microbial ecology (MME) uses leading-edge molecular tools to study the interactions and diversity of microorganisms in the natural environment. MME covers topics ranging from ancient polar microbes, the human microbiome, and possibly life beyond Earth. This course will discuss papers that highlight modern technical approaches and form the current theoretical framework in microbial ecology. The laboratory will examine the structure (who is there) and function (what are they doing) of microbial communities in environmental samples. We will cultivate novel microorganisms and analyze nucleic acids via community fingerprinting, functional gene analysis, and the computational exploration of metagenomic datasets. (BIOL 0140, BIOL 0145 and CHEM 0103 or 0104 or waiver) 3 hrs. lect./3 hrs. lab **SCI** *(E. Eggleston)*

BIOL 0392 Conservation Biology (Spring 2021)

This course will focus on advanced topics in applied ecology and population genetics as they relate to the protection and restoration of biological integrity in the natural world. Emphasis will be placed on in-depth exploration of current issues, such as the design of nature reserves, genetic and demographic factors associated with population decline, metapopulation analysis, connectivity, and large-scale ecological processes. This course will involve reading from the primary literature, discussion, computer modeling, and writing assignments, and will build upon the information presented in the prerequisite courses. (BIOL 0140) **SCI**

BIOL 0444 Desert Ecology (Spring 2021)

Drylands (deserts, semi-deserts, savannas) account for over 40 percent of Earth’s terrestrial area and are home to two billion people. They represent the most stressful of habitats, but also are home to organisms possessing the most incredible adaptations to survive. In this course we will explore the unique biology of desert ecosystems across the globe, using primary literature, review articles, and nonfiction works to answer: What selective pressures shape physiology and ecology in desert organisms? How have plants and animals evolved to survive in deserts? How are humans and climate change altering dryland ecosystems on local and global scales? (BIOL0140 or instructor permission) 3 hrs. sem.

BIOL 0490 Seminar in Plant Ecology (Spring 2021)

Global climate change has led to a huge effort to collect data on the state of the planet, including measurements of temperature, atmospheric and oceanographic conditions, and species distributions and phenologies. Ecologists have never had access to such quantities of data, and thus need new methods for their description and analysis. In this course we will explore how to use statistical models to make sense of these data: how to develop, choose, and fit the best model for a particular data set. The course will be project-based, culminate in an independent project, and use the statistical software, R. (BIOL 0140 and one statistics course required, no R experience required.) 3 hr. sem./3 hr. lab **DED**, **SCI**

BIOL 0500 Independent Study (Fall 2020, Spring 2021)

In this course students complete individual projects involving laboratory and/or field research or extensive library study on a topic chosen by the student and a faculty advisor. Prior to registering for BIOL 0500, a student must have discussed and agreed upon a project topic with a member of the Biology Department faculty. Additional requirements include attendance at all Biology Department seminars and participation in any scheduled meetings with disciplinary sub-groups and lab groups. This course is not open to seniors; seniors should enroll in BIOL 0700, Senior Independent Study. (BIOL 0211. Approval required) 3 hrs. disc.

BIOL 0700 Senior Independent Study (Fall 2020, Spring 2021)

In this course students complete individual projects involving laboratory and/or field research or extensive library study on a topic chosen by the student and a faculty advisor. Prior to registering for BIOL 0700, a student must have discussed and agreed upon a project topic with a member of the Biology Department faculty. Additional requirements include attendance at all Biology Department seminars and participation in any scheduled meetings with disciplinary sub-groups and lab groups. (BIOL 0211. Approval required; open only to seniors) 3 hrs. disc.

BIOL 0701 Senior Thesis (Fall 2020, Spring 2021)

Seniors majoring in Biology who have completed one or more semesters of BIOL 0500 or BIOL 0700 and who plan to complete a thesis should register for BIOL 0701. In this course students will produce a written thesis, deliver a public presentation of the research on which it is based, and present an oral defense of the thesis before a committee of at least three faculty members. Additional requirements include attendance at all Biology Department seminars and participation in any scheduled meetings with disciplinary sub-groups and lab groups. Open to Biology and joint Biology/Environmental Studies majors. (BIOL 0211 and BIOL 0500 or BIOL 0700 or waiver; instructor approval required for all students) 3 hrs. disc

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Program in Black Studies

The Black Studies Program allows students to explore a wide range of topics related to Black experiences across the African Diaspora. The Program's major and minor allows students to attain degrees of mastery by concentrating on an interrelated set of topics within a geographic area or by comparing aspects of the topic(s) inter-regionally or globally. Three required core courses will provide the framework on which students will organize their own majors in consultation with the program's director.

The Major

To complete the major a student must take eleven (11) courses:

Three (3) that acquaint students with Black studies as a recognized field of study

1. **BLST 0101:** An introduction to the core themes, topics, and methods commonly recognized as belonging to Black Studies
2. **BLST 0301:** A junior seminar that provides guidance in identifying and using sources and methods for research in Black Studies.
3. **BLST 0401:** A senior seminar in which Black Studies majors conduct independent research -- while working collaboratively with other students and a faculty member.

HIST 0225 or AMST 0107

Four (4) clustered courses that concentrate on a region or topic (either of which may be comparative)

- Courses taken for the concentration and senior work allow students to go deeper into a topic and develop their skills in interpretation and constructive analysis. Students will work with the director of the program in selecting the courses that will fulfill their proposed concentration. Intensive listening, close reading, critical thinking, effective oral and written expression and collaborative interaction with colleagues will be among the skills the concentration will address.

Three (3) electives that allow for breadth of study.

- The electives allow students to get outside their area of concentration, either to explore totally different topics or to explore their area of concentration from a different perspective. With permission from the director of the program, one or more of these electives may be in a department not directly related to Black Studies but that introduces students to critical approaches that may be helpful to a student's advanced work on a topic.

BLST 0101 Introduction to Black Studies (Spring 2021)

This course considers the issues, epistemologies, and political investments central to Black Studies as a field. We will explore chronologically, thematically, and with an interdisciplinary lens the social forces and ideas that have shaped the individual and collective experiences of African-descended peoples throughout the African Diaspora. This course is a broad survey of the history of chattel slavery, colonial encounters, community life, and social institutions of black Americans. We will address issues of gender and class; the role of social movements in struggles for liberation; and various genres of black expressive cultures. Students will develop critical tools, frameworks, and vocabulary for further study in the field. Course materials may include Maulana Karenga's *Introduction to Black Studies*, C.L.R. James's *The Black Jacobins*, and Hurston's *Their Eyes Were Watching God*. 3 hrs. lect. **AAL**, **AMR**, **HIS**, **SOC**

BLST 0107 Introduction to African American Culture (Fall 2020)

In this introductory survey we will focus on the study of African American culture in the United States, exploring various aspects of cultural production such as literature, music, visual arts, film, and performance. The guiding questions of the course are: what role has black culture played in shaping and responding to broader paradigms in American culture? How is lived experience implicated in the production of black culture? How have cultural products helped define, call into question, and celebrate "blackness?" Readings may include W. E. B. Du Bois' *The Souls of Black Folk* (1903), Octavia Butler's *Kindred* (1979), and Tricia Rose's *Black Noise* (1994). 3 hrs. lect./disc. **AMR**, **NOR** *(W. Nash)*

Cross-listed as: AMST 0107 *

BLST 0114 History of Modern Africa (Spring 2021)

We begin looking at revolutions in the early 19th century and the transformations surrounding the slave trade. Next we examine the European colonization of the continent, exploring how diverse interventions into Africans' lives had complex effects on political authority, class and generational dynamics, gender relations, ethnic and cultural identities, and rural and urban livelihoods. After exploring Africans' struggles against colonial rule in day-to-day practices and mass political movements, the last few weeks cover Africa's transition to independence and the postcolonial era, including the experience of neo-colonialism, ethnic conflict, poverty, and demographic crisis. 2 hrs. lect., 1 hr. disc. **AAL**, **HIS**, **SAF**, **SOC**

BLST 0115 Education in the USA (Fall 2020, Spring 2021)

What are schools for? What makes education in a democracy unique? What counts as evidence of that uniqueness? What roles do schools play in educating citizens in a democracy for a democracy? In this course, we will engage these questions while investigating education as a social, cultural, political, and economic process. We will develop new understandings of current policy disputes regarding a broad range or educational issues by examining the familiar through different ideological and disciplinary lenses. 3 hrs. lect./1 hr. disc. **AMR** (Fall 2020), **NOR** (Fall 2020), **SOC** (Fall 2020) *(Fall 2020: T. Affolter, M. Hammerle)*

Cross-listed as: EDST 0115 *

BLST 0224 African Cinema (Fall 2020)

In this course we will examine how films written and directed by African filmmakers address the evolving identities of post-colonial Africans. Students will explore the development of various national cinemas and the film movements that helped define African cinema as a tool for cultural expression and social change. We will pair film studies, post-colonial studies, and African studies readings with a diverse selection of films from across sub-Saharan Africa, from Senegal's 1967 *Black Girl* (Ousmane Sembene) to the 2018 Netflix-produced Nigerian "Nollywood" film, *Lionheart* (Genevieve Nnaji). 3 hours lect./3 hours screen. **AAL**, **ART**, **CMP**, **HIS**, **SAF** *(N. Ngaiza)*

BLST 0227 African American Cinema (Spring 2021)

In this course we will examine various representations of Blackness in American Cinema, from Oscar Micheaux's early silent films to Ryan Coogler's Black Panther. While we will primarily focus on films written and/or directed by African-Americans, we will also study the social, cultural, and political impact of Hollywood ideas and images of Black people and how they changed over time. Through a framework of both film theory and critical race theory, students will analyze how Black creative expression has manifested itself through film, influencing both form and content. 3 hours lect./3 hours screen **AMR**, **ART**, **HIS**, **NOR**

Cross-listed as: FMMC 0227 *

BLST 0300 Models of Inclusive Education (Spring 2021)

In this course we will focus on strategies and techniques for including students with diverse learning styles in general education environments. Legal, theoretical, philosophical, and programmatic changes leading toward inclusive models of education will be approached through a historical overview of special education for students with disabilities. Additionally, the course works to expand notions of inclusion such that students' multiple identities are incorporated into all learning. Emphasis is given to the active learning models and differentiated curriculum and instruction to accommodate a range of learners with diverse disabilities, abilities, and identities. (EDST 0115 or SOAN 0215 or SOCI 0215 or AMST 0105). **AMR**, **NOR**, **SOC**

Cross-listed as: EDST 0300 *

BLST 0315 Health and Healing in African History (Fall 2020)

In this course we will complicate our contemporary perspectives on health and healing in Africa by exploring diverse historical examples from the continent's deep past. Our readings, discussions, and papers will cover a range of historical contexts and topics, such as the politics of rituals and public healing ceremonies in pre-colonial contexts, state and popular responses to shifting disease landscapes in the colonial era, long-term cultural and economic changes in healer-patient dynamics, the problematic legacies of environmental health hazards in the post-colonial period, and Africans' engagement with global health interventions in recent decades. 3 hrs. sem. **AAL**, **HIS**, **SAF**, **SOC** *(J. Tropp)*

BLST 0348 Afro-Caribbean Music Genres (Spring 2021)

In this course we will study Afro-Caribbean music genres (eg, reggae, mambo, salsa, merengue, reggaeton, and calypso) and their impact within the region and on the global stage. Our main goal will be to compare the contested theoretical concept of cultural hybridity among the larger Caribbean nations (Haiti, Cuba, Jamaica, Puerto Rico, Trinidad and Tobago, and the Dominican Republic) and their diasporas. We will also explore how Caribbean musicians and superstars work within the global infrastructure of the music/dance industry, while occasionally managing to counter the hegemonic erasure of the legacy of Black rebellion, worker revolution, nationalism, and racial/gender politics. (SPAN 0220 or 300 level Spanish course) 3 hrs. lect **AAL**, **AMR**, **ART**, **CMP**, **LNG**

BLST 0372 The Long Struggle for Civil Rights and Black Freedom (Fall 2020)

The modern civil rights movement is the central focus of this course, but it offers more than a survey of events from Montgomery to Memphis. It explores the pre-World War II roots of the modern black freedom struggle, the complex array of local, regional, and national initiatives in the 1950s and 1960s, the competing strategies for empowerment offered by Martin Luther King Jr., and Malcolm X, and developments since the 1970s, including the rise of Black Lives Matter. This course employs a "race relations" perspective, stressing the linkages among the experiences of African Americans, whites, and other groups. 2. Hrs. lect., 1 hr. disc. **AMR**, **HIS**, **NOR** *(J. Ralph)*

Cross-listed as: HIST 0372 *

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Department of Chemistry & Biochemistry

I. *Majors*: Students can elect to major in chemistry, biochemistry, environmental chemistry (joint major), or molecular biology and biochemistry.

II. *Course Requirements*:

Chemistry: MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*, CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 0204 (or CHEM 0242), CHEM 0311, and either CHEM 0351 or CHEM 0355, and two electives chosen, with an advisor's approval, from 0200-, 0300- or 0400- courses the Chemistry and Biochemistry Department or GEOL 0323. Independent study courses (CHEM 0400, CHEM 0500, CHEM 0700, or CHEM 0701) cannot count as electives.

Honors in Chemistry: MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*, CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 204 (or CHEM 0242), CHEM 0311, CHEM 0312, CHEM 0351, CHEM 0355, CHEM 0431, CHEM 0400, CHEM 0701.

Biochemistry: MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*,CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 204 (or CHEM 0242), CHEM 0313, CHEM 0322, and two electives chosen, with an advisor's approval, from 0200-,0300- or 0400-level courses in the Chemistry and Biochemistry Department or BIOL 0314. Independent study courses (CHEM 0400, CHEM 0500, CHEM 0700, or CHEM 0701) cannot count as electives.

Honors in Biochemistry: MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*, CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 204 (or CHEM 0242), CHEM 0311, CHEM 0313, CHEM 0322, CHEM 0355, CHEM 0425, CHEM 0400, CHEM 0701.

Environmental Chemistry: See the listing for the Environmental Chemistry focus under the Program in Environmental Studies. http://www.middlebury.edu/academics/es/requirements

Molecular Biology and Biochemistry: See Program in Molecular Biology and Biochemistry. http://www.middlebury.edu/academics/mbb

*Students may receive credit for courses indicated by an asterisk with a satisfactory score on the advanced placement examination for that subject. Students who have scored a 4 or 5 on the advanced placement examination in chemistry are awarded a course credit for CHEM 0103 and may enroll in CHEM 0107 (strongly encouraged) or CHEM 0104. Students who do not have an AP score of 4 or 5, but have a strong background in chemistry should take the department's online placement examination to determine if they are prepared for CHEM 0104 or CHEM 0107. Those students who achieve a satisfactory score on the placement examination will be encouraged to register for CHEM 0104 or CHEM 0107, but will not receive credit for CHEM 0103.

III. *Independent Research and Senior Thesis Program:* Many students participate in independent research (CHEM 0500 or CHEM 0700) or complete senior thesis projects (CHEM 0400 and CHEM 0701). Students who are interested in completing a senior thesis project should meet with their academic advisor for guidance in seeking a research advisor no later than winter term of their junior year. Although required for departmental honors, students may

also participate the senior thesis program without pursuing honors and the associated coursework.

IV. *Eligibility for Honors in Chemistry or Biochemistry:* Students who successfully complete the honors coursework—including the senior thesis program—with a minimum grade point average of 3.20 are awarded departmental honors. High Honors may be awarded at the discretion of the department and the thesis committee to students who demonstrate exceptional achievement in both the thesis program and departmental course work.

V. *Recommended Programs of Study:* Several coursework options for students considering chemistry or biochemistry as a major are shown below. Although students may deviate from these guides, it is strongly recommended that all prospective majors complete CHEM 0104 or CHEM 0107 by the end of their first year and the calculus (MATH 0121 and 0122) and physics (PHYS 0109 and 0110 or 0111) courses by the end of their second year. Completing CHEM 0203 as early as possible provides the maximum flexibility both within the major and for other academic interests, including study abroad.

Chemistry
First Year:
Fall: CHEM 0103, MATH 0121
Spring: CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall: CHEM 0203, PHYS 0109
Spring: CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall: CHEM 0311, CHEM 0351*
Spring: *(OR CHEM 0355)

Senior Year:
Fall: elective
Spring: elective

Biochemistry
First Year:
Fall: CHEM 0103, MATH 0121
Spring: CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall: CHEM 0203, PHYS 0109
Spring: CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall: CHEM 0322
Spring: CHEM 0313

Senior Year:
Fall: elective
Spring: elective

Chemistry with honors
First Year:
Fall: CHEM 0103, MATH 0121
Spring: CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall: CHEM 0203, PHYS 0109
Spring: CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall: CHEM 0311, CHEM 0351
Spring: CHEM 0312, CHEM 0355

Senior Year:
Fall: CHEM 0400, CHEM 0431
Spring: CHEM 0701

Biochemistry with honors
First Year:
Fall: CHEM 0103, MATH 0121
Spring: CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall: CHEM 0203, PHYS 0109
Spring: CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall: CHEM 0311, CHEM 0322
Spring: CHEM 0313, CHEM 0355

Senior Year:
Fall: CHEM 0400, CHEM 0425
Spring: CHEM 0701

CHEM 0103 General Chemistry I (Fall 2020, Spring 2021)

Major topics will include atomic theory and atomic structure; chemical bonding; stoichiometry; introduction to chemical thermodynamics. States of matter; solutions and nuclear chemistry. Laboratory work deals with testing of theories by various quantitative methods. Students with strong secondary school preparation are encouraged to consult the department chair for permission to elect CHEM 0104 or CHEM 0107 in place of this course. CHEM 0103 is also an appropriate course for a student with little or no prior preparation in chemistry who would like to learn about basic chemical principles while fulfilling the SCI or DED distribution requirement. 3 hrs. lect., 3 hrs. lab, 1 hr. disc. **DED**, **SCI** *(Fall 2020: M. Simpson)*

CHEM 0104 General Chemistry II (Fall 2020, Spring 2021)

Major topics include chemical kinetics, chemical equilibrium, acid-base equilibria, chemical thermodynamics, electrochemistry, descriptive inorganic chemistry, and coordination chemistry. Lab work includes inorganic synthesis, qualitative analysis, and quantitative analysis in kinetics, acid-base and redox chemistry. (CHEM 0103 or by waiver) 3 hrs. lect., 3 hrs. lab, 1 hr. disc. **DED**, **SCI**

CHEM 0107 Advanced General Chemistry (Fall 2020)

This course is a one-semester alternative to one year of general chemistry (CHEM 0103 and CHEM 0104). It is open to all students who have received a 4 or 5 on the Advanced Placement test in Chemistry. Students who have two or more years of high school chemistry without AP credit may enroll with permission of the instructor. Topics will be drawn from the traditional general chemistry curriculum, but discussed in greater detail with a more thorough mathematical treatment. Special emphasis will be placed on chemical bonding, coordination chemistry, and real world research in chemistry. (AP Chemistry or equivalent.) 3 hrs. lect., 3 hrs. lab, 1 hr dis. **DED**, **SCI** *(A. Vasiliou)*

CHEM 0203 Organic Chemistry I: Structure and Reactivity (Fall 2020, Spring 2021)

This course will provide students with an introduction to the structure and reactivity of organic molecules sufficient to continue directly to study of biochemistry (CHEM 0322). Topics covered will include models of chemical bonding, acid-base relationships, three-dimensional molecular structure (conformations and stereochemistry), reaction mechanisms and energy diagrams, substitution and elimination reactions, carbonyl reactions (additions, reductions, interconversions, and alpha-reactivity), and the fundamentals of biological molecules (carbohydrates, DNA, and RNA). Laboratory experiments will include purification techniques (recrystallization, distillation, extraction, and chromatography) as well as microscale organic reactions that complement the lecture portion of the course. (CHEM 0104 or CHEM 0107) 3 hrs. lect., 3 hrs. lab, 1 hr. prelab. **SCI** *(Fall 2020: J. Byers)*

CHEM 0204 Organic Chemistry II: Synthesis and Spectroscopy (Fall 2020, Spring 2021)

In this course we will explore the ways that organic molecules are made and their structures identified. The study of organic reactions will continue from CHEM 0203 with radical reactions, alkene and alkyne additions, aromatic reactions, oxidations and reductions, and additional carbonyl reactions. Emphasis in this course will be placed on using reactions in sequences to synthesize larger and more complex molecules. The theory and practice of mass spectrometry and UV-Vis, IR, and NMR spectroscopy will be studied as a means to elucidate the exact structures of organic molecules. Laboratory experiments will focus on synthetic techniques that complement the lecture portion of the course and the identification of complex unknowns via GC-MS, IR, and NMR. (CHEM 0203) 3 hrs. lect., 3 hrs. lab, 1 hr. prelab. *(Fall 2020: R. Bunt)*

CHEM 0230 Bioinorganic Chemistry (Spring 2021)

Life depends on the proper functioning of proteins and nucleic acids that are often metalated. In this course we will study the structure and function of metalloproteins and other metallobiomolecules. We will begin with an overview of bioinorganic chemistry. Next, we will look at two classic questions in bioinorganic chemistry. (1) How does hemoglobin cooperatively bind dioxygen? and (2) Why is cis-platin an anti-cancer drug whereas trans-platin is not? We will then spend the rest of the first half of the course learning the inorganic chemistry that will allow us to answer these questions and many others: simple bonding, symmetry, transition metal chemistry, and ligand field theory. In the second half of the course, we will start with some biochemistry fundamentals and then move on to case studies of zinc, iron, copper proteins, and metals in medicine. The textbooks will be *Inorganic Chemistry* by Miessler, Fisher, and Tarr, and *Biological Inorganic Chemistry* by Crichton, both available on-line for free. (CHEM0104 or CHEM0107) 3hrs lect/disc **SCI**

CHEM 0311 Instrumental Analysis (Fall 2020)

This course introduces fundamental concepts of analytical chemistry, instrumental analysis, and scientific writing. Lecture topics include experimental design and quality control; sample collection and preparation; calibration, error, and data analysis; statistics; and the theory and operation of chemical instrumentation. Multi-week laboratory projects provide hands-on experience in qualitative and quantitative analysis using a variety of research-quality instrumentation (e.g., graphite furnace atomic absorption spectroscopy, UV/Vis spectrometry, gas chromatography mass spectrometry, circular dichroism spectroscopy, high pressure liquid chromatography). Writing workshops promote professional scientific writing skills through guided practice in writing analysis, peer review, and revision. (CHEM 0204 or CHEM 0242) 3 hr. lect., 6 hrs. lab. **CW** *(M. Costanza-Robinson)*

CHEM 0312 Inorganic and Physical Chemistry Laboratory (Spring 2021)

In this course students will carry out experiments in the field of inorganic and physical chemistry and write journal-style reports based on their results. In the first half of the semester students will conduct a multi-step synthesis and characterization of a Mo-Mo complex with a quadruple bond. Students will learn inert atmosphere synthetic techniques and how to use a glove box. The synthesized Mo-Mo complex will be characterized by UV-Vis, IR, 1H and 31P NMR spectroscopies, and cyclic voltammetry. In the second half of the semester students will conduct two physical chemistry experiments. First students will carry out a kinetic study of the isomerization of the Mo-Mo (alpha to beta or beta to alpha) complex by UV-Vis spectroscopy. Finally, students will obtain the high-resolution IR spectra of acetylene and deuterated acetylene and analyze the rotation-vibration spectra using statistical and quantum mechanics to obtain structural data and interpret the peak intensities. In addition to the laboratory activities, there will be lectures on metal quadruple bonds, principles of UV-Vis , IR, 1H and 31P NMR spectroscopies, cyclic voltammetry, and statistical mechanics. (CHEM 0311, CHEM 0351, and CHEM 0355. CHEM 0355 can be taken concurrently.) 3 hrs. lect. 3 hrs. lab

CHEM 0313 Biochemistry Laboratory (Spring 2021)

Experimental biochemistry emphasizing the isolation, purification and characterization of enzymes and the cloning of genes and expression of recombinant protein. Traditional biochemical techniques such as UV-VIS spectroscopy, gel filtration, ion exchange and affinity chromatography, electrophoresis, and immunoblotting will be used in the investigation of several enzymes. Specific experiments will emphasize enzyme purification, enzyme kinetics, and enzyme characterization by biochemical and immunochemical methods. Major techniques in molecular biology will be introduced through an extended experiment that will include DNA purification, polymerase chain reaction, bacterial transformation, DNA sequencing, and the expression, purification, and characterization of the recombinant protein. Class discussions emphasize the underlying principles of the biochemical and molecular techniques employed in the course, and how these experimental tools are improved for particular applications. Laboratory reports stress experimental design, data presentation, and interpretation of results. (CHEM 0322) 2 hr. lect., 6 hrs. lab. **CW**

CHEM 0322 Biochemistry of Macromolecules (Fall 2020, Spring 2021)

This course is an introduction to biochemistry that focuses on the chemical and physical properties of amino acids, proteins, lipids, carbohydrates, and nucleic acids. Specific topics include the structure and function of proteins, enzyme mechanisms and kinetics, how carbohydrates and lipids contribute to vital cellular and organismal functions, and informational biochemistry (DNA, RNA, and specific enzymes and processes leading to the production of regulatory RNA and proteins). Specific topics from the primary literature will be explored to illustrate how particular techniques and experimental approaches are used to gain a new understanding of biochemistry and molecular biology. (CHEM 0203 or CHEM 0242) 3 hrs. lect., 1 hr. disc. *(Fall 2020: L. Repka)*

CHEM 0351 Quantum Chemistry and Spectroscopy (Fall 2020)

Quantum theory is developed and applied to atomic structure and molecular bonding. Spectroscopy is examined as an application of quantum theory. (CHEM 0204 or CHEM 0241, MATH 0122 and PHYS 0110, or by waiver) 3 hrs. lect. *(A. Vasiliou)*

CHEM 0355 Thermodynamics and Kinetics for Chemical and Biological Sciences (Spring 2021)

In this course students will learn the central ideas that frame thermodynamics and kinetics. The application of these ideas to chemical, biological, and the environmental processes will be covered using examples such as refrigerators, heat pumps, fuel cells, bioenergetics, lipid membranes, and catalysts (including enzymes). (PHYS 0109 or PHYS 0110 and MATH 0122 and CHEM 0204) 3 hrs lect., 1 hr disc.

CHEM 0400 Seminar in Chemical Research (Fall 2020)

This seminar provides students with experiences to support the preparation of a senior thesis. As the course involves participation in a mentored laboratory project and the intent to complete a senior thesis, students must make arrangements to work with a faculty advisor prior to gaining approval for course registration. The classroom portion of this seminar focuses on reading the scientific literature, giving effective oral presentations, and writing the thesis introduction. Particular emphasis will be given to computer and technology issues related to oral and written presentations. Participation will normally be followed by registration for CHEM 0500 or CHEM 0700 (winter term and spring). (Senior standing; Approval only) 2 hrs. sem., 12 hrs. lab. *(L. Repka)*

CHEM 0425 Biochemistry of Metabolism (Fall 2020)

A living organism requires thousands of coordinated individual chemical reactions for life. In this course we will survey the major integrated metabolic pathways of living cells and whole organisms, with particular attention to enzyme mechanisms, as well as the regulation, and integration of metabolism from the molecular to the whole organism level. The synthesis and degradation of carbohydrates, amino acids, lipids, and nucleotides are investigated, along with the mechanisms of energy flow and cell-to-cell communication. While common metabolic processes are emphasized, unique aspects of metabolism that permit cells to function in unusual niches will also be considered. Mechanistic and regulatory aspects of metabolic processes will be reinforced through an investigation of inborn errors and organic defects that lead to disease. (CHEM 0322) 3 hrs. lect., 1 hr. disc.

CHEM 0431 Advanced Inorganic Chemistry (Fall 2020)

Atomic structure, bonding theories, and properties applicable to inorganic and organometallic compounds will be developed in depth. Specific topics will include valence bond theory, molecular orbital theory, ligand field theory, applications of group theory, and reaction mechanisms. (CHEM 0351) 3 hrs. lect.

CHEM 0500 Independent Study Project (Fall 2020, Spring 2021)

Individual study for qualified students. (Approval required)

CHEM 0700 Senior Research (Fall 2020, Spring 2021)

In this course students complete individual projects involving laboratory research on a topic chosen by the student and a faculty advisor. Prior to registering for CHEM 0700, a student must have discussed and agreed upon a project topic with a faculty member in the Chemistry and Biochemistry Department. Attendance at all Chemistry and Biochemistry Department seminars is expected. (Approval required; open only to seniors)

CHEM 0701 Senior Thesis (Fall 2020, Spring 2021)

Students who have initiated research projects in CHEM 0400 and who plan to complete a senior thesis should register for CHEM 0701. Students are required to write a thesis, give a public presentation, and defend their thesis before a committee of at least three faculty members. The final grade will be determined by the department. Attendance at all Chemistry and Biochemistry Department seminars is expected. (CHEM 0400; approval required)

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Greenberg-Starr Department of Chinese Language & Literature

Full Major:
I. Required Courses:

- CHNS 0101 through CHNS 0302 (or equivalent)
- Four additional courses from among: CHNS 0219, CHNS 0220, CHNS/GSFS 0240, CHNS/FMMC 0250, CHNS/LNGT 0270, CHNS 0325, CHNS/GSFS 0331, CHNS 0340, CHNS 0350, CHNS 0370 (At least one of the four must be in pre-modern literature and at least one must be in modern literature or culture).
- CHNS 0411 (The equivalent may be taken during study abroad)
- CHNS 0425, CHNS 0426, or CHNS 0412 (the equivalent to CHNS 0412 may be taken at the Middlebury Chinese School, or during study abroad)
- CHNS 0475
- Either CHNS 0700 or CHNS 0701 and CHNS 0702

II. **Senior Work**:
Full majors in Chinese are required to complete either CHNS 0701 and CHNS 0702 (Senior Honors Thesis) or CHNS 0700 (Senior Essay or Translation Project). CHNS 0701 and CHNS 0702 is a one-semester plus J-term sequence that should normally be taken during the fall and J-term. CHNS 0700 is a one-semester course that may be taken during the fall or winter. The Chinese department discourages students from postponing completion of senior work until the final semester of full-time study.

Joint majors in Chinese are encouraged but not required to do a senior thesis (CHNS 0701 and CHNS 0702) or project (CHNS 0700). A joint thesis or project should, when feasible, combine the two fields of study of the joint major.

All senior work, whether CHNS 0700 or CHNS 0701 and CHNS 0702, must include a major focus on work with primary sources in Chinese. All senior work should focus on Chinese literature; qualified students may petition the Chair for permission to do senior work on other aspects of Chinese culture (e.g., film or linguistics).

Senior Honors Thesis: To be eligible for the CHNS 0701 and CHNS 0702 Senior Honors Thesis, students majoring in Chinese (full, double or joint) must have completed language study through at least CHNS 0302 (or equivalent), taken at least two Chinese literature/culture courses, and maintained an average of B+ or better in Chinese department courses. Complete guidelines for the completion of the CHNS 0701 and CHNS 0702 thesis (and the CHNS 0700 project) are available from the Chinese Department.

Departmental Honors: Both full and joint majors may qualify for honors. Eligibility for departmental honors in Chinese requires completion of a senior honors thesis graded B+ or better and a grade point average of B+ (3.35) or higher in all courses taken that satisfy or could potentially satisfy the requirements for the major as listed above (full) and below (joint), including courses taken in the summer in the Chinese School and/or during study abroad. Only courses that satisfy or could potentially satisfy major requirements count toward honors (i.e., courses taken abroad that do not fall into this category do not count) and all such courses count (e.g., if more than four courses toward major requirement {b} are taken, all count). The department may award honors for completion of an exceptionally impressive senior essay or translation project that is graded A if the student has an average of B+ or higher in all

qualifying courses (as defined above). High honors will be awarded for a grade point average of 3.5 or higher in all qualifying courses (as define above) and a senior thesis of A- or better. Highest honors are reserved for students who earn a grade of A on the senior thesis and who have an average of 3.75 or higher in all qualifying courses (as defined above).

Joint Major:
I. Required Courses:

- CHNS 0101 through CHNS 0302 (or equivalent);
- Either CHNS 0411 (the equivalent may be taken in the summer at the Middlebury Chinese School or, with prior approval, during study abroad) or CHNS 0425;
- Four additional courses from among the following, with at least one from each category: (A) CHNS 0219, CHNS 0220, CHNS/GSFS 0240, CHNS/FMMC 0250, CHNS/LNGT 0270, CHNS 0325, CHNS/GSFS 0331, CHNS 0340, CHNS 0350, CHNS 0370; (B) CHNS 0411, CHNS 0412, CHNS 0425, CHNS 0426, CHNS 0475.

Minor:
I. Required Courses:

- Four courses from among CHNS 0101 or CHNS 0102 (not both), CHNS 0103, CHNS 0201, CHNS 0202, CHNS 0301, CHNS 0302, CHNS 0400, CHNS 0411, CHNS 0412, CHNS 0425, CHNS 0426, and CHNS 0475 (in this way, all students increase their language proficiency, regardless of the level at which they start their study).
- Plus three courses from among CHNS 0219, CHNS 0220, CHNS 0250, CHNS 0270, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0350, CHNS 0370, CHNS 0411, CHNS 0412, CHNS 0425, CHNS 0426, and CHNS 0475. One course must be in literature in either Chinese or English (the following are literature courses: CHNS 0219, CHNS 0220, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0370, CHNS 0412, and CHNS 0475).
- A single course may be counted toward only one category.
- The equivalent of CHNS 0411 and/or CHNS 0412 may be taken abroad. A "one-on-one" course in literature or culture taken abroad may count toward the second category if approved by the Department Chair before study abroad. No other courses taken abroad may be counted toward the second category.

International and Global Studies Major with Chinese Language: Along with other required courses and senior work as described in the International and Global Studies major section, the Chinese language component of an IGS major requires completion of the following: 1) completion of CHNS 0202 or the equivalent (students are strongly encouraged to complete CHNS 0302 or the equivalent before study abroad, preferably in the summer Chinese School); 2) one semester at one of the three C.V. Starr-Middlebury College Schools in China; 3) upon return from China, any one, preferably two, of the following: CHNS 0411, 0412, 0425, 0426, or 0475.

CHNS 0101 Beginning Chinese (Fall 2020)

This course is an introduction to Mandarin (guoyu or putonghua). The course begins with simple words and phrases, the pronunciation and cadences of Mandarin, romanization, Chinese characters, and simple vocabulary items, all taught in the context of practical communication. Sentence patterns and other fundamentals of speaking, reading, and writing will be taught, including both traditional characters (used everywhere before the 1950s and still used in Taiwan and Hong Kong) and simplified characters (used in China). Students should have achieved active command of more than 600 Chinese characters and more than 800 compounds by the end of the sequence CHNS 0101, CHNS 0102, and CHNS 0103. 5 hrs. lect., 2 hrs. drill **LNG** *(C. Wiebe, K. Wang)*

CHNS 0103 Beginning Chinese (Spring 2021)

This course is a continuation of the fall and winter terms with accelerated introduction of vocabulary, grammar, and sentence patterns designed to facilitate speaking and reading. Toward the end of this semester students will read *Huarshang de meiren* (*Lady in the Painting*), a short book written entirely in Chinese. (CHNS 0102 or equivalent) 5 hrs. lect., 2 hrs. drill **LNG**

CHNS 0201 Intermediate Chinese (Fall 2020)

This course is designed to enable the student to converse in everyday Chinese and to read simple texts in Chinese (both traditional and simplified characters). Discussion of assigned readings will be conducted primarily in Chinese. Familiarity with the vocabulary and grammar introduced in CHNS 0101, CHNS 0102, and CHNS 0103 is assumed. Grammatical explanations, written exercises, dictation quizzes, sentence patterns, oral drill, and CD's will accompany assignments. By the completion of CHNS 0202, which follows CHNS 0201 directly, students should be able to read and write approximately 1,200 characters. (CHNS 0103 or equivalent) 5 hrs. lect., 1 hr. drill **LNG** *(T. Moran)*

CHNS 0202 Intermediate Chinese (Spring 2021)

This course is a continuation of the first term's work, with the class conducted primarily in Chinese. (CHNS 0201) 5 hrs. lect., 1 hr. drill **LNG**

CHNS 0219 The Chinese Literary Tradition (in translation) (Fall 2020)

This course, an introduction to the works of literature that formed the basis of traditional Chinese culture, is a discussion-based seminar. It focuses first on texts written in classical Chinese from the earliest times up through the Song dynasty, including selections from early poetry and history, Daoist classics, stories of the strange, and Tang Dynasty poetry by Wang Wei, Li Bai and Du Fu. These texts shaped the traditional Chinese understanding of the world, and provided models of what was perceived to be powerful, beautiful language. In the second part of the course we will explore narratives written in the vernacular language, focusing on the literary significance and aesthetic value of drama, stories and novels long treasured by the Chinese. Students will gain a better understanding of traditional Chinese literary values, as well as Chinese society and worldviews. This class is not intended for native Chinese students who have studied Chinese literature in high school classes in China. (No background in Chinese culture or language needed.) 3 hrs. lect./disc. **AAL**, **CW**, **LIT**, **NOA** *(C. Wiebe)*

CHNS 0220 Modern China through Literature (in translation) (Spring 2021)

This course, taught in English, is a discussion-based seminar on some of the most significant works of short fiction, novellas, and novels that tell the story of China and the Chinese from the end of the Qing dynasty to the present. Students will gain a better understanding of the history of modern China by studying the works of literature that inspired readers and provoked debate during one hundred years of social reform, revolution, war, civil war, reconstruction, cultural revolution, cultural revival, and economic growth. Our reading will include work by authors such as Lu Xun (*Diary of a Madman*, 1918), Zhang Ailing (*Love in a Fallen City*, 1944), Ah Cheng (*The Chess King*, 1984), Yu Hua (*To Live*, 1993), and, from Taiwan, Zhu Tianwen (*Notes of a Desolate Man*, 1999). We will consider the mainstream (socially engaged realism), the avant-garde (varieties of modernism), and popular genres (romance and martial arts), and we will look for answers to the following questions: what has been the place of fiction in China in the modern era and what vision of modern China do we find in its fiction? (No prerequisites) 3 hrs. lect./disc. **AAL**, **LIT**, **NOA**

CHNS 0301 Advanced Chinese (Modern Chinese) (Fall 2020)

This course aims at further development of overall language proficiency through extensive reading of selected texts representing a wide variety of subjects and styles. Classes will be conducted entirely in Chinese except for occasional recourse to English by the instructor to provide a quick solution to problems of definition. The main text will be *All Things Considered* with supplementary readings selected to help students both continue to work toward competence in conversational Chinese and also begin to master a more sophisticated register of language. 4 hrs. lect. **LNG** *(K. Wang)*

CHNS 0302 Advanced Chinese (Modern Chinese) (Spring 2021)

This course is a continuation of CHNS 0301 with continued practice in conversational Chinese and a greater emphasis on reading works of a literary nature. (CHNS 0301 or equivalent) 4 hrs. lect. **LNG**

CHNS 0325 Traditional Chinese Poetry (in translation) (Spring 2021)

Introducing the basics of Chinese poetics, this junior/sophomore discussion-based seminar explores inter-connections across a wide spectrum of Chinese poetry belonging to a vibrant tradition spanning more than two thousand years--folk songs; court rhapsodies; courtesan love poems; extended allegorical fantasies; ballads and lyric verse of love, war, friendship, loss, and separation. Landscape, travel, romantic and metaphysical poems by masters such as Qu Yuan, Tao Yuanming, Wang Wei, Li Bai, Du Fu, Su Dongpo and Li Qingzhao will be studied. We will analyze poetic expression ranging from poetic genres following strict formal conventions to relatively free-form verse. Traditional Chinese literary theories regarding poetry and its appreciation will be considered, yet students will also be encouraged to apply other critical approaches. (Either CHNS 0219 or CHNS 0220, or by waiver) 3 hrs. lect. **AAL**, **LIT**, **NOA**

CHNS 0350 Documentary Film in Contemporary China (Fall 2020)

In China since the 1980s, new political and socio-economic realities, along with new technologies, created conditions for the emergence of the New Documentary Movement, the collective achievement of a group of artists with new ideas about what the form and function of nonfiction film should be. We will screen and discuss select contemporary Chinese documentary films, place these films in the context of global documentary film history, and learn methods for the analysis of nonfiction film. We will “read” each film closely, and also study secondary sources to learn about the Chinese realities that each film documents. 3 hrs. lect./screening **AAL**, **ART**, **NOA** *(T. Moran)*

CHNS 0400 Advanced Readings, Conversation, and Writing (Modern Chinese) (in Chinese) (Fall 2020)

This course is designed to improve students' competency in highly pragmatic Chinese, spoken and written. Readings and discussion will cover a wide variety of contemporary materials with an emphasis on linguistic preparation for study in China. (CHNS 0302 or equivalent) 3 hrs. lect. **LNG**

CHNS 0411 Classical Chinese I (in Chinese) (Fall 2020)

This course is an introduction to wenyan, the written language of traditional China. In this course we will emphasize comprehension of the literal and metaphorical meanings of short *wenyan* texts. Our approach will include grammatical analysis and *baihua* translation (i.e., from the Classical Chinese into modern Chinese); discussion will be conducted entirely in *baihua*. This course begins the two-semester sequence of Classical Chinese, which not only introduces students to *wenyan* but also provides a vital learning experience for any student seeking to attain a high level of linguistic and cultural proficiency in Chinese, including modern written discourse. (CHNS 0302 or the equivalent) 3 hrs. lect. **LNG** *(W. Xu)*

CHNS 0412 Classical Chinese II (in Chinese) (Spring 2021)

A continuation of CHNS 0411. In this course students will read a wide selection of *wenyan* texts that sample the classics of ancient Chinese thought, including *Confucius*' *Analects*, the Daoist texts *Laozi* and *Zhuangzi*, Mohist arguments against war, Sunzi's *The Art of War*, and Legalist writings on law. Students will also learn to punctuate *wenyan* texts (which were originally unpunctuated) and compose sentences or short paragraphs in *wenyan*. All class discussion will be conducted in modern Chinese. (CHNS 0411 or the equivalent) 3 hrs. lect. **LNG**

CHNS 0425 Contemporary Social Issues in China: Advanced Readings (in Chinese) (Fall 2020)

A survey of materials written in modern expository Chinese (academic, journalistic and polemical) that focus on the cultural, political, economic, and social issues of contemporary China. This advanced readings course is designed primarily for seniors who have already spent a semester or more studying and living in China or Taiwan. Emphasis will be given to further developing students' ability to read, analyze, and discuss complex issues in Mandarin while also advancing proficiency in writing and in oral comprehension. Oral reports and written compositions will be integral to the course's requirements. (Approval Required) 3 hrs. lect. **AAL**, **LNG**, **NOA** *(W. Xu)*

CHNS 0426 Politics and Business in China: Advanced Readings and Discussion (in Chinese) (Spring 2021)

The capstone course for those students who have attained a high level of Chinese language proficiency. The goal of this course is to help students improve their ability to read, write, and talk about politics and business in China. Most of this course will focus on recent and current debate and discussion in China over domestic political programs and policies, international relations, and business trends. Discussion will also touch upon the political and economic history of the People's Republic of China and Taiwan. We will read articles intended for popular audiences in the Chinese-speaking world. 3 hrs. lect. (CHNS 0425 or CHNS 0411 or study abroad in China) **AAL**, **LNG**, **NOA**

CHNS 0475 Senior Seminar on Modern Chinese Literature (in Chinese) (Spring 2021)

A capstone course for all Chinese majors and for others who have attained a high level of Chinese language proficiency. Students will read and critique works by major Chinese fiction writers (and sometimes playwrights) and may also see and discuss a film or films from mainland China, Hong Kong, and/or Taiwan. All reading, discussion, and critical writing will be in Chinese. (CHNS 0412 or CHNS 0425) 3 hrs. lect. **AAL**, **LIT**, **LNG**, **NOA**

CHNS 0500 Senior Essay (Fall 2020, Spring 2021)

(Approval Required)

CHNS 0700 Senior Thesis (Fall 2020, Spring 2021)

(Approval required)

CHNS 0701 Senior Thesis Proposal (Fall 2020)

(Approval Required)

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Eve Adler Department of Classics and Program in Classical Studies

Required for the major in Classics:
A. Ten courses in two languages: Greek and Latin (normally six in one language and four in the other) including one senior seminar (CLAS 0420).
B. CLAS 0150 Ancient Epic Poetry
C. Two additional courses in classics in translation, one from each of the following categories:
1. CLAS/HIST 0131 Archaic and Classical Greece or CLAS 0151 Introduction to Ancient Greek Literature or CLAS 0152 Greek Tragedy or CLAS 0190 Greek and Roman Comedy or CLAS/RELI 0251 Greek Religion or CLAS/PHIL 0275 Greek Philosophy: The Problem of Socrates
2. CLAS/HIST 0132 History of Rome or CLAS 0140 Augustus and the World of Rome or CLAS 0143 The Rise and Fall of the Roman Republic or CLAS 0144 Literature of the Roman Empire or CLAS 0190 Greek and Roman Comedy or CLAS/PHIL 0276 Roman Philosophy
D. CLAS 0701 History of Classical Literature: General Examination for Classics/Classical Studies Majors
Optional: CLAS 0700 Senior Essay (fall/winter or winter/spring), CLAS 0505 Independent Senior Project (fall or spring). (Note: Students who wish to do an optional senior essay or independent senior project must secure the sponsorship of a member of the classics department in the semester before the essay or project is to be undertaken.)
Honors: B+ average or better in courses taken for the major (excluding senior work). B+ or better in the General Examination (CLAS 0701) and in the Senior Seminar (CLAS 0420). (Note: A student who does an optional senior essay or independent senior project may arrange with the chair, in the semester prior to undertaking the project, to offer that grade in lieu of the grade for CLAS 0420 for the calculation of departmental honors.)
Joint Major: Students interested in a joint major in Classics and another discipline should consult the chair. The joint major in Classics typically requires ten courses in Greek and Latin (normally six in one language and four in the other); CLAS 0701, and senior work that combines Classics with the other major.

Required for the Minor in Classics: The minor in classics may be configured in one of the following four ways:
1. *Latin CLLA*: Five courses in Latin
2. *Greek CLGR*: Five courses in Greek
3. *Classical Civilization CLCC:* Five courses, as follows: three or more courses chosen from CLAS/HIST 0131, CLAS/HIST 0132, CLAS 0140, CLAS 0143, CLAS 0144, CLAS 0149, CLAS0150, CLAS 0151, CLAS 0152, CLAS 0190, CLAS/LITP 0230, CLAS/RELI 0262, CLAS/PHIL 0275, CLAS/PHIL 0276, CLAS 0321 CLAS/HIST 0331, CLAS/HIST 0332, or CLAS/HIST 0337; and CLAS 0420 or CLAS 0450 (or both).
4. *Classical Language and Civilization CLCL:* Five courses, as follows: two or more courses in Latin or Greek; one or more courses chosen from CLAS/HIST 0131, CLAS/HIST 0132, CLAS 0140, CLAS 0143, CLAS 0144, CLAS 0149, CLAS/CMLT 0150, CLAS 0151, CLAS 0152, CLAS/CMLT 0190, CLAS/LITP 0230, CLAS/RELI 0251, CLAS/PHIL 0275 or CLAS 0276; and one or more courses chosen from CLAS 0321, CLAS/HIST 0331, CLAS/HIST 0332, CLAS/HIST 0337, CLAS 0420, or CLAS/CMLT 0450.
AP credit policy: One course credit toward graduation, not toward the major or minor, will be granted for one AP exam in Latin under the following conditions: a) The student has received a

grade of 4 or 5 on the AP exam, and b) The student has completed an advanced course (LATN 0201 or above) in Latin at Middlebury with a grade of B+ or above. (Note: No more than one course credit will be granted, whether the student presents one or two AP exams.)
Study Abroad Guidelines: Study abroad in the Mediterranean can enrich our majors' experience of the ancient world, because it affords them the opportunity to see the places that they have been learning about in the classroom. Students also find it stimulating to be surrounded by people with similar interests from other institutions. Thus, while our curriculum does not in any way necessitate study abroad, the faculty is happy to work with students who wish to pursue it as part of their Middlebury degree in classics or classical studies.
For those students who want to go abroad, we strongly recommend a semester rather than a year. The three programs we endorse are the ICCS (the Inter-Collegiate Consortium for Classical Studies in Rome), CYA (College Year in Athens), and Arcadia (also in Athens), all of which offer semester-long programs. Admission to the ICCS in particular, however, is highly competitive, and students may have a compelling academic rationale for studying elsewhere. Accordingly, we have also approved students who wished to study for a semester at foreign universities with strong classics departments. These have included Trinity College Dublin, the University of Edinburgh, Cambridge University, and the University of Vienna. For some students, a rewarding alternative to study abroad during the academic year has been participation in a summertime archaeological excavation.
We discourage students from going abroad before they have had at least three semesters of whichever ancient language(s) they are learning. As part of their program of study abroad, students normally take at least one course in each ancient language of study, and select additional courses that are appropriate substitutes for courses in the major. In order to be fully prepared for senior work, however, students will need to have completed a significant portion of the courses required for the major, in particular CLAS 0150, before going abroad.
Generally speaking, we are as flexible as we can be in helping majors to identify courses in programs abroad that allow them to stay in step with their cohort in Middlebury and to be prepared for senior work. Unless we are familiar with the institution, the instruction, and the content of the courses, we rarely grant credit to non-majors for classics courses taken away from Middlebury. In all cases (majors, non-majors, potential majors, and minors), students must consult with a member of the classics department before leaving Middlebury to plan and receive approval for work done at other institutions.

Required for the major in Classical Studies (CLST):

A. The following:

1. CLAS/CMLT 0150 Ancient Epic Poetry

2. CLAS/HIST 0131 Archaic and Classical Greece or CLAS 0151 Introduction to Ancient Greek Literature or CLAS 0152 Greek Tragedy or CLAS/CMLT 0190 Greek and Roman Comedy or CLAS/PHIL 0275 Greek Philosophy: The Problem of Socrates

3. CLAS/HIST 0132 History of Rome or CLAS 0140 Augustus and the World of Rome or CLAS 0143 The Rise and Fall of the Roman Republic or CLAS 0144 Literature of the Roman Empire or CLAS 0190 Greek and Roman Comedy or CLAS/PHIL 0276 Roman Philosophy

B. Three additional courses in Classical Studies chosen from the following:

CLAS/HIST 0131 Archaic and Classical Greece

CLAS/HIST 0132 History of Rome

CLAS 0140 Augustus and the World of Rome

CLAS 0143 The Rise and Fall of the Roman Republic

CLAS 0144 Literature of the Roman Empire

CLAS 0149 Rhetoric and Politics from Ancient Greece and Rome to the Present

CLAS 0151 Introduction to Ancient Greek Literature

CLAS 0152 Greek Tragedy

CLAS/CMLT 0190 Greek and Roman Comedy

CLAS/LITS 0230 Myth and Contemporary Experience

CLAS/HARC 0234 Ancient Roman City: Pompeii and Beyond

CLAS/HARC 0236 Cities of Vesuvius

CLAS/RELI 0251 Greek Religion

CLAS/PHIL 0275 Greek Philosophy: The Problem of Socrates

CLAS/PHIL 0276 Roman Philosophy

CLAS 0321 Apocalypse When?

CLAS/HIST 0331 Sparta and Athens

CLAS/HIST 0332 Roman Law

CLAS/HIST 0337 From Alexander to Rome

HARC 0213 Roman Art and Architecture

HARC 0221 Greek Art and Archaeology

HARC 0223 The Classical Tradition in Architecture: A History

HARC 0312 Of Gods, Mortals, and Myths: Greek and Roman Painting

HARC 0320 Hands-on Archaeology: Theory and Practice

MATH 0261 History of Mathematics

PHIL 0201 Ancient Greek Philosophy

PHIL 0302 Philosophy of Plato

PHIL 0303 Philosophy of Aristotle

RELI 0381/CLAS 0308 Seminar in the New Testament

PSCI 0101 Introduction to Political Science

PSCI 0317 Ancient and Medieval Political Philosophy

PSCI 0409 Seminar in Political Philosophy

RELI 0290 Women and the Sacred in Late Antiquity and Byzantium

C. Four courses in Greek or four courses in Latin chosen from:

GREK 0101 Beginning Greek I

GREK 0102 Beginning Greek II

GREK 0201 Intermediate Greek: Prose

GREK 0202 Intermediate Greek: Poetry

GREK 0301 Readings in Greek Literature I

GREK 0302 Readings in Greek Literature II

GREK 0401 Advanced Readings in Greek Literature I

GREK 0402 Advanced Readings in Greek Literature II

LATN 0101 Beginning Latin I

LATN 0102 Beginning Latin II

LATN 0110 Introduction to College Latin

LATN 0201 Intermediate Latin: Prose

LATN 0202 Intermediate Latin: Poetry

LATN 0301 Readings in Latin Literature I

LATN 0302 Readings in Latin Literature II

LATN 0401 Advanced Readings in Latin I

LATN 0402 Advanced Readings in Latin II

D. CLAS 0420 Seminar in Classical Literature

E. CLAS 0701 History of Classical Literature: General Examination for Classics/Classical Studies Majors

Optional: CLAS 0700 Senior Essay (fall/ winter/spring); CLAS 0500 Independent Senior Project (fall/winter/spring). (*Note*: Students who wish to do an optional senior essay or independent senior project must secure the sponsorship of a member of the classics department in the semester before the essay or project is to be undertaken.)

For complete descriptions of the courses listed above, see listings under the appropriate departments.

Honors: B+ average or better in courses taken for the major (excluding senior work). B+ or

better in the General Examination (CLAS 0701) and in the Senior Seminar (CLAS 0420). (Note: A student who does an optional senior essay or independent senior project may arrange with the chair, in the semester prior to undertaking the project, to offer that grade in lieu of the grade for CLAS 0420 for the calculation of departmental honors.)

Joint Major: Students interested in a joint major in Classical Studies and another discipline should consult the chair. The joint major in Classical Studies typically requires four semesters of either Greek or Latin; CLAS 0150; one course from section A2 and one course from A3 under the requirements for the major; CLAS 0701, and senior work that combines Classical Studies with the other major.

CLAS 0131 Archaic and Classical Greece (Fall 2020)

A survey of Greek history from Homer to the Hellenistic period, based primarily on a close reading of ancient sources in translation. The course covers the emergence of the polis in the Dark Age, colonization and tyranny, the birth of democracy, the Persian Wars, the interdependence of democracy and Athenian imperialism, the Peloponnesian War, and the rise of Macedon. Authors read include Herodotus, Thucydides, Aristophanes, Plutarch, Xenophon, and the Greek orators. 2 hrs. lect., 1 hr. disc. **EUR**, **HIS**, **LIT** *(J. Chaplin)*

Cross-listed as: HIST 0131

CLAS 0143 The Rise and Fall of the Roman Republic (Fall 2020)

This course is an introduction to the literature, politics, culture and history of the Roman Republic (c.509-31BCE) - a period which saw Rome grow from a small city on the Tiber to the supreme power in the Mediterranean, and also saw the development of Latin literature. Our readings cover a broad variety of literary genres and authors: comedy (Plautus and Terence), lyric (Catullus), epic (Ennius), political speeches and letters (Cicero), history (Caesar, Sallust, Polybius), and didactic philosophy (Lucretius). As we read we will be careful to investigate how these texts present different and often conflicting ideas of what it means to be Roman, as well as how different ideologies of Rome compete throughout each work. 3 hrs. lect. 1hr. disc. **CW** (10 seats), **EUR**, **HIS**, **LIT** *(C. Star)*

CLAS 0144 Literature of the Roman Empire (Spring 2021)

In this course we will investigate the literature, culture, and history of the Roman Empire, focusing on how Romans sought, often at the cost of their own lives, to define the role and powers of the emperor and their place as subjects to this new, autocratic power. Texts we will read include: epic (Lucan), tragedy (Seneca), history (Tacitus), biography (Suetonius), prose fiction (Petronius), as well as early Christian literature. As we read we will seek to answer questions about the nature of freedom and empire, what is gained and lost by replacing a republican with an autocratic political system, and whether literature in this period can offer an accurate reflection of reality, function as an instrument of change and protest, or of fearful praise and flattery. 3 hrs lect. 1 hr. disc. **CW**, **EUR**, **HIS**, **LIT**

CLAS 0150 Greek and Roman Epic Poetry (Fall 2020)

Would Achilles and Hector have risked their lives and sacred honor had they understood human life and the Olympian gods as Homer portrays them in the *Iliad*? Why do those gods decide to withdraw from men altogether following the Trojan War, and why is Odysseus the man Athena chooses to help her carry out that project? And why, according to the Roman poet Vergil, do these gods command Aeneas, a defeated Trojan, to found an Italian town that will ultimately conquer the Greek cities that conquered Troy, replacing the Greek polis with a universal empire that will end all wars of human freedom? Through close study of Homer's *Iliad* and *Odyssey*, and Vergil's *Aeneid*, we explore how the epic tradition helped shape Greece and Rome, and define their contributions to European civilization. 3 hrs. lect., 1 hr. disc. **CMP**, **EUR**, **LIT**, **PHL** *(M. Witkin)*

Cross-listed as: CMLT 0150

CLAS 0321 Apocalypse When? Reason and Revelation in the Ancient World (Spring 2021)

Apocalypse: why does this word, originally meaning “revelation,” hold such power today? In this class we will investigate the origins of apocalyptic and eschatological thought in order to understand Greek, Roman, Jewish, and Christian ideas about the end of the world in their historical context and to see how they shape contemporary visions of the end. We will read and discuss a wide range of texts, including Hesiod, Plato, Lucretius, Cicero, Seneca, and Daniel and Revelation from the Bible. The ways in which globalization and political leaders have shaped apocalyptic thought from ancient times to today will be an area of particular focus. 3 hrs. lect. **CMP**, **EUR**, **PHL**

CLAS 0331 Sparta and Athens (Spring 2021)

For over 200 years, Athens and Sparta were recognized as the most powerful Greek city-states, and yet one was a democracy (Athens), the other an oligarchy (Sparta). One promoted the free and open exchange of ideas (Athens); one tried to remain closed to outside influence (Sparta). This course studies the two city-states from the myths of their origins through their respective periods of hegemony to their decline as imperial powers. The goal is to understand the interaction between political success and intellectual and cultural development in ancient Greece. 2 hrs. lect., 1 hr. disc. **CMP**, **EUR**, **HIS**, **LIT**

CLAS 0420 Humanism of Herodotus (Spring 2021)

Herodotus (485-424 BC), “the Father of History”, is also regarded as the first sociologist and ethnographer. The plan and argument of his work, however, including its many fantastic stories, disclose a philosophic intention that resists easy categorization. Herodotus’ subject is the “Greek miracle”: how the tiny and fractious cities of Greece took concerted action against the overwhelming might of the Persian kings who invaded Greece in 490 and 479 BC. The story of this unlikely triumph of political freedom and limited government over despotic empire is told against the background of the Afro-Asiatic origins of Greek civilization, which Herodotus uncovers in wide-ranging investigations of the customs and religions of Greece, Lydia, Media, Persia, Egypt, Libya, and Scythia. In this seminar we will pursue a close reading of Herodotus in translation; the seminar is open to all students with some previous background in Greek and/or Roman literature. 3 hrs. sem. **EUR**, **LIT**

CLAS 0450 History of Classical Literature (Fall 2020)

A comprehensive overview of the major literary, historical, and philosophical works of Greece and Rome. Greek authors studied include Homer, Aeschylus, Sophocles, Herodotus, Aristophanes, Thucydides, Plato, and Aristotle. Roman authors include Lucretius, Cicero, Livy, Vergil, Petronius, and Tacitus. Required of senior majors in Classics/Classical Studies (see CLAS 0701 below) and open to all interested students with some background in Greek and Roman literature, history, or philosophy. 3 hrs. lect. *(R. Ganiban)*

Cross-listed as: CMLT 0450

CLAS 0500 Independent Study (Fall 2020, Spring 2021)

(Approval required)

CLAS 0505 Ind Senior Project (Fall 2020, Spring 2021)

(Approval Required) *(Fall 2020: J. Chaplin, M. Witkin, R. Ganiban, C. Star; Spring 2021: M. Witkin, R. Ganiban, P. Sfyroeras, C. Star)*

CLAS 0700 Senior Essay for Classics/Classical Studies Majors (Fall 2020, Spring 2021)

(Approval required)

CLAS 0701 History of Classical Literature (Fall 2020)

A comprehensive overview of the major literary, historical, and philosophical works of Greece and Rome. Greek authors studied include Homer, Aeschylus, Sophocles, Herodotus, Aristophanes, Thucydides, Plato, and Aristotle. Roman authors include Lucretius, Cicero, Livy, Vergil, Petronius, and Tacitus. Required of senior majors in Classics/Classical Studies and open to all interested students with some background in Greek and Roman literature, history, or philosophy. 3 hrs. lect. *(R. Ganiban)*

GREK 0201 Intermediate Greek: Prose (Fall 2020)

Intermediate Greek: Attic Prose-Lysias & Plato *
Readings in major authors. 3 hrs. lect. EUR, **LNG** *(J. Chaplin)*

GREK 0202 Intermediate Greek (Spring 2021)

Readings in majors authors. 3 hrs. lect. **EUR**, **LNG**

GREK 0402 Advanced Readings in Greek Literature II: Greek Cosmology–Hesiod and Plato (Spring 2021)

Readings in major authors. 3 hrs. lect.

HEBR 0500 Independent Study (Fall 2020, Spring 2021)

Approval required.

LATN 0102 Beginning Latin II (Spring 2021)

This course is a continuation of the introductory winter term course (LATN 0101). After completing the fundamentals of Latin grammar, students translate selections from authors such as Cicero and Ovid. 3 hrs. lect. **LNG**

LATN 0301 Readings in Latin Literature I (Fall 2020)

Readings in major authors. 3 hrs. lect. **LIT**, **LNG** *(R. Ganiban)*

LATN 0302 Readings Latin Literature II (Spring 2021)

Readings in Latin Literature II: Vergil's *Aeneid**
Readings in major authors. 3 hrs. lect.

LATN 0501 Advanced Readings in Latin III (Fall 2020)

Readings in major authors. Students should have had some formal study of Latin and should consult with the instructor during the first week of classes to determine whether or not the class is at the appropriate level. 3 hrs lect. *(C. Star)*

LATN 0502 Advanced Readings in Latin IV: Flavian Literature (Spring 2021)

Readings in major authors. 3 hrs lect. *(R. Ganiban)*

↑ Top

Program in Comparative Literature

The Comparative Literature curriculum emphasizes language learning as the basis for the study of literary texts. During their course of study, students of Comparative Literature will also become familiar with current comparative methodologies as well as relevant cultural and critical theories. These methodological skills support students' work as they pursue a flexible and individualized pathway through their program of study, which culminates in an article-length comparative essay. The program is designed to accommodate students at all levels of language proficiency.

Majors in Comparative Literature will develop a plan of study with the guidance of a faculty advisor with expertise in the students chosen primary language and literature, and the Director of the Comparative Literature Program.

The basic structure of the program is as follows:

1. One primary language of study AND

2. Four courses in a secondary language. Students' first language cannot be their primary language, but it can be their secondary language. For example, English cannot be the primary language of a student whose first language is English, but it can be the secondary language.

Requirements:

1. **CMLT 0101**
2. **Three content courses in the primary language, including two literary classes and one cultural course (e.g. cinema, politics).** The choice of particular classes requires the approval of the student's primary language advisor and the Program Director. Students will also need approval for inclusion of study abroad classes in this category. In the case of students whose primary language is Arabic, Chinese, Russian, or Japanese, some of these three content courses MAY be taught in English, depending on the availability of suitable courses in the language.
3. **Four courses in a secondary language. If the secondary language is English, at least one course must be pre 1800.**
4. **One course in literary theory** (suggested for sophomore year), for example ENAM/CMLT 205.
5. **Study abroad, in the *primary* language.** Exceptions may be made if you receive prior approval from your faculty advisor and the program director. A maximum of 4 courses in literature taken abroad may be used to satisfy other requirements in the major, subject to the pre-approval of the Director of the program. All students must take one class in their primary language after their return.
6. **Two electives explicitly comparative in nature.** These literature courses may be taught in English. Examples: CLAS/CMLT 0150; CMLT/RELI 0238; CMLT/CLAS 0450; ENAM/CMLT 0305; GRMN/CMLT 0333; ITAL/CMLT 0299. Suitable classes will be cross-listed and bear the prefix CMLT.
7. **One senior/advanced seminar in literature taken at Middlebury College in the student's primary or secondary language**.
8. **Senior Work (CMLT 0700)**: During Fall and Winter Term, or Winter Term and Spring,

students will write a 35-page (article length) comparative essay (advised independently). Students are responsible to identify and arrange to work with their advisor and the members of their committee no later than the last week of classes in the preceding term.

Honors: To be eligible for honors students must have a GPA in the major of 3.7 and a B+ or above on their essay. Students with eligible honors theses will also have a defense before the last day of exams.

CMLT 0101 Introduction to World Literature (Spring 2021)

This course is an introduction to the critical analysis of imaginative literature of the world, the dissemination of themes and myths, and the role of translation as the medium for reaching different cultures. Through the careful reading of selected classic texts from a range of Western and non-Western cultures, students will deepen their understanding and appreciation of the particular texts under consideration, while developing a critical vocabulary with which to discuss and write about these texts, both as unique artistic achievements of individual and empathetic imagination and as works affected by, but also transcending their historical periods. 3 hrs. lect./disc. **CMP**, **CW**, **LIT**

CMLT 0107 The Experience of Tragedy (Spring 2021)

For over two millennia tragedy has raised ethical questions and represented conflicts between the divine and the mortal, nature and culture, household and polity, individual and society. What is tragedy? What led to its production and what impact did it have, in ancient times? Why was it reborn in Shakespeare's time? How has tragedy shaped, and been shaped by, gender, class, religion, and nationality? We will address these questions and explore how tragedy continues to influence our literary expectations and experience. Authors may include Aeschylus, Sophocles, Euripides, Thucydides, Aristotle, Seneca, Marlowe, Shakespeare, Goethe, Nietzsche, O'Neill, Beckett, Kennedy, and Kushner. 3 hrs. lect. **EUR**, **LIT**

Cross-listed as: ENAM 0107 *

CMLT 0123 Adventures in Literary Romance (Fall 2020)

In this course we will explore the literary genre of romance. Today, “romance” often refers to courtship—only one aspect of this ancient genre. Other aspects include adventure, magic, wonder, multiple plots, multiple authors, an affinity for sequels. Romance’s associations with every genre—tragedy, comedy, epic, novel, lyric poetry—and its reputation for escapism have made it an epitome of the very idea of literature, as conceived by attackers and defenders. Its welcoming of female readers and protagonists and its marketing of the exotic have raised issues of gender and ethnicity. We will discuss all such aspects and implications of romance, and we may also explore how romance has shaped modern television and film. No papers or exams; there will be quizzes *daily* on the reading, and students will be expected to participate thoughtfully in class discussions. Readings from texts such as: *Daphnis and Chloe*, *Ethiopian Romance*, The Gospel of Luke, *The Golden Ass*, Arthurian romances by various authors, *Orlando Inamorato*, *Orlando Furioso*, *The Countess of Pembroke’s Arcadia*, *The Merchant of Venice*, *The Winter’s Tale*, *Don Quixote*,/ Waverly/, *Madame Bovary*, *Lord of the Rings*, *The Chronicles of Narnia*, and *The Time Quintet*. 3 hrs. lect. **LIT** *(J. Berg)*

Cross-listed as: ENAM 0123 *

CMLT 0150 Greek and Roman Epic Poetry (Fall 2020)

Would Achilles and Hector have risked their lives and sacred honor had they understood human life and the Olympian gods as Homer portrays them in the *Iliad*? Why do those gods decide to withdraw from men altogether following the Trojan War, and why is Odysseus the man Athena chooses to help her carry out that project? And why, according to the Roman poet Vergil, do these gods command Aeneas, a defeated Trojan, to found an Italian town that will ultimately conquer the Greek cities that conquered Troy, replacing the Greek polis with a universal empire that will end all wars of human freedom? Through close study of Homer's *Iliad* and *Odyssey*, and Vergil's *Aeneid*, we explore how the epic tradition helped shape Greece and Rome, and define their contributions to European civilization. 3 hrs. lect., 1 hr. disc. **CMP**, **EUR**, **LIT**, **PHL** *(M. Witkin)*

Cross-listed as: CLAS 0150 *

CMLT 0205 Introduction to Contemporary Literary Theory (Fall 2020, Spring 2021)

In this course we will introduce several major schools of contemporary literary theory. By reading theoretical texts in close conjunction with works of literature, we will illuminate the ways in which these theoretical stances can produce multiple interpretations of a given literary work. The approaches covered may include New Criticism, Psychoanalysis, Marxism and Cultural Criticism, Race Theory and Multicultural Criticism, Feminism, Post-Colonial Criticism, Queer Studies, Eco-Criticism, Post-Structuralism, and others. These theories will be applied to various works of fiction, poetry, and drama. The goal will be to make students critically aware of the fundamental literary, cultural, political, and moral assumptions underlying every act of interpretation they perform. 3 hrs. lect/disc. **EUR** (Fall 2020), **LIT** (Fall 2020) *(Fall 2020: A. Losano)*

Cross-listed as: ENAM 0205 *

CMLT 0238 Literature and the Mystical Experience (Fall 2020)

In this course we will explore how narrative art articulates spiritual perception by examining selected works of 20th century writers such as Miguel De Unamuno, Nikos Kazantzakis, J. D. Salinger, Charles Williams, Flannery O'Connor, Thomas Merton, Alice Munroe, Marilynne Robinson, and Annie Dillard. Drawing on theology and philosophy as an interpretative mode, we will consider the following questions: How does literature illuminate selfhood and interiority? How do contemplation and ascetic practice guide the self to divine knowledge and cosmic unification? How do language, imagery and symbols shape the unitive experience as a tool for empathy and understanding of the other? 3 hrs. lect./1 hr. disc. **AMR**, **LIT**, **NOR**, **PHL** *(M. Hatjigeorgiou)*

Cross-listed as: RELI 0238 *

CMLT 0286 Philosophy & Literature (Fall 2020)

In this course we will explore the border both separating and joining philosophy and literature. How does literature evoke philosophical problems, and how do philosophers interpret such works? How does fiction create meaning? Beginning with Greek tragedy, we investigate Plato’s “quarrel” with, and Aristotle’s defense of, poetry. Then we will turn to modern works, mostly European, on topics such as: tragedy and ethics; style and rhetoric; author and reader; time and temporality; mood and emotion; existence and mortality. Literary readings after Sophocles will be selected from Borges, Calvino, Camus, Kafka, Tolstoy, and Woolf. Philosophical readings after Plato and Aristotle will be selected from Bergson, Danto, Freud, Murdoch, Ricoeur, and Nussbaum. Not open to students who have taken PHIL/CMLT 1014. **CW**, **EUR**, **LIT**, **PHL** *(M. Woodruff)*

Cross-listed as: PHIL 0286 *

CMLT 0299 Literary Feasts: Representations of Food in Modern Narrative (in English) (Spring 2021)

This course will consider food and eating practices within specific cultural and historical contexts. We will analyze realistic, symbolic, religious, erotic, and political functions surrounding the preparation and consumption of food. Readings will be drawn from several national traditions, with a focus on Europe. Authors will include, among others, I. Dinesen, L. Esquivel, J. Harris, E. Hemingway, T. Lampedusa, P. Levi, C. Petrini, M. Pollan, E. Vittorini, and B. Yoshimoto. Viewing of several films where food and eating play an important role will supplement class discussion. **EUR**, **LIT**

Cross-listed as: ITAL 0299 *

CMLT 0375 Colonial Discourse and the “Lusophone World” (Fall 2020)

In this course we will analyze how European colonialism and imperial endeavors produced meaning, particularly in the interconnected realms of culture, race, language, gender, sexuality, and place. In addition to studying the colonial period, we will pay particular attention to the role and manifestations of colonial discourse more contemporarily in the contexts of nationhood, globalization, sports, and cultural consumption. In doing so, we will address the problematics of the concept of “Lusophone,” starting with the historical legacies and cultural implications of such a transnational entity. Course materials will include critical theory, literary texts, primary historical sources, visual media, and music from Brazil, Lusophone Africa, Lusophone Asia, and Portugal. (PGSE 0215 or equivalent) 3 hrs. lect./disc. **AAL**, **CMP**, **LNG**, **SOC** *(D. Silva)*

Cross-listed as: PGSE 0375 *

CMLT 0450 History of Classical Literature (Fall 2020)

A comprehensive overview of the major literary, historical, and philosophical works of Greece and Rome. Greek authors studied include Homer, Aeschylus, Sophocles, Herodotus, Aristophanes, Thucydides, Plato, and Aristotle. Roman authors include Lucretius, Cicero, Livy, Vergil, Petronius, and Tacitus. Required of senior majors in Classics/Classical Studies (see CLAS 0701) and open to all interested students with some background in Greek and Roman literature, history, or philosophy. 3 hrs. lect. *(R. Ganiban)*

Cross-listed as: CLAS 0450 *

CMLT 0466 Imagism and Ideogram: Modernism and the Chinese Character (Fall 2020)

T.S. Eliot called Ezra Pound “the inventor of Chinese poetry for our time” for his collaborative translations in *Cathay* (1915) which launched a craze for China and the “ideogram.” In 1919, Pound published Ernest Fenollosa’s *The Chinese Written Character as a Medium for Poetry*; Imagism’s co-founder Amy Lowell quickly followed with her own collaborative translations in *Fir-Flower Tablets* (1921); and in “The Cinematic Principle and the Ideogram” (1929) Sergei Eisenstein used the ideogram as a basis for montage theory. In this course we will explore recent scholarship on the “trans-Pacific” influence on Modernism with an emphasis on Tang poetry and the Japanese haiku. Readings will also include Wallace Stevens, William Carlos Williams, Marianne Moore, Witter Bynner, Florence Ayscough, Yone Noguchi, Apollinaire, Judith Gautier, Victor Segalen, Richard Wright, Gary Snyder, Li Bai, Du Fu, and Wang Wei, among others. 3 hrs. sem. **LIT** *(T. Billings)*

Cross-listed as: ENAM 0466 *

CMLT 0500 Independent Study (Fall 2020, Spring 2021)

Approval Required

CMLT 0700 Senior Thesis (Fall 2020, Spring 2021)

A senior thesis is normally completed over two semesters. During Fall and Winter terms, or Winter and Spring terms, students will write a 35-page (article length) comparative essay, firmly situated in literary analysis. Students are responsible for identifying and arranging to work with their primary language and secondary language readers, and consulting with the program director before completing the CMLT Thesis Declaration form. (Approval required.)

↑ Top

Department of Computer Science

Computer Science is a rich and dynamic discipline that seeks to understand and use effectively the great potential of computing. The Department of Computer Science offers a wide variety of courses that integrate computer science into the liberal arts curriculum. The major provides students with a solid background in algorithmic reasoning, problem solving, design and organization of modern computers and programming languages, and the ability to apply computational thinking to different applications and problem domains.

For students entering Middlebury in Fall 2020 or later, requirements are as follows:

Required for the Major in Computer Science (11 courses): CSCI 145 or 150; CSCI 0200, CSCI 0201, CSCI 0202, CSCI 0301, CSCI 0302, four CSCI electives numbered 303 or higher, and CSCI 0701. One elective can be substituted with MATH 216, MATH 218, or MATH 228.

***Departmental Honors*:** A grade of "B" or higher in the senior seminar CSCI 701 is required for all levels of honors (honors, high honors, and highest honors). In addition, a fifth elective numbered 303 or higher and a GPA of at least 3.5 are required for honors; a two-semester (fall-winter or winter-spring) thesis in addition to four electives and a GPA of 3.7 or higher are required for high honors; and a two-semester (fall-winter or winter-spring) thesis in addition to four electives and a GPA of 3.9 or higher are required for highest honors..

Required for the Minor in Computer Science (6 courses): CSCI 145 or 150; CSCI 0200, CSCI 0201, CSCI 0202, and two CSCI electives at the 0300-level or above.

***Joint Majors*:** The computer science component of a joint major requires: CSCI 145 or 150; CSCI 0200, CSCI 0201, CSCI 0202; one course from CSCI 0301 and CSCI 0302; two CSCI electives at the 0300-level or above; and either an independent CSCI 0500 project integrating the two disciplines or (if appropriate to the joint major) CSCI 0701.

***Advanced Placement and Waivers*:** Students whose preparation indicates they can bypass one or more courses numbered 201 or lower should speak to a faculty member to determine the appropriate first course, and with approval of the department chair may waive the bypassed classes from the major requirements. College credit for CSCI 145 is given to students who achieve a score of 4 or 5 on the AP computer science A exam.

Requirements for students who matriculated prior to Fall 2020

Computer Science is a rich and dynamic discipline that seeks to understand and use effectively the great potential of computing. The Department of Computer Science offers a wide variety of courses that integrate computer science into the liberal arts curriculum. The major can be completed through two tracks. The traditional track provides students with a solid background in algorithmic reasoning, problem solving, design and organization of modern computers and programming languages, and the ability to apply computational thinking to different applications and problem domains. The interdisciplinary track first provides a solid background in computer science including algorithms and data structures, and then allows students to apply this knowledge to specific problem domains in related disciplines and to forge interdisciplinary connections.

Required for the Major in Computer Science, traditional track (11 courses): One CSCI course at the 0100-level; CSCI 0200, CSCI 0201, CSCI 0202, CSCI 0301, CSCI 0302, four CSCI electives at the 0300-level or above, and CSCI 0701. One elective can be substituted with MATH 0200 or MATH 0228.

Required for the Major in Computer Science, interdisciplinary track (11 courses): One CSCI course at the 0100-level; CSCI 0200, CSCI 0201, CSCI 0202, CSCI 0302, CSCI 0701; and five electives, two or three of them from disciplines outside computer science. These interdisciplinary courses should be cohesive in theme and should have computational content and/or technical depth comparable to CSCI electives. For double majors, these courses may not come from the other major. The remaining electives can be chosen from any CSCI courses at the 0300-level or above. In consultation with computer science faculty, students will develop a proposed set of courses to count towards the interdisciplinary major, and will submit their proposed list to the department chair by the end of their third semester for approval by the CS faculty.

***Departmental Honors*:** Required for honors are: 1. A grade of "B" or higher in the senior seminar CSCI 701, which contains a significant independent project; 2. An extra CSCI course in addition to the 11 courses required for the major; 3. participation in department extra-curricular or service activities such as tutoring, grading, sys-admin work, student-faculty research, or programming competitions; and 4. a major GPA of at least 3.5 for honors, 3.7 for high honors, and 3.9 for highest honors. The required extra course can be any CSCI elective at the 0300-level or above for regular honors, while high and highest honors require the senior thesis CSCI 0702.

Required for the Minor in Computer Science (6 courses): One CSCI course at the 0100-level; CSCI 0200, CSCI 0201, CSCI 0202, and two CSCI electives at the 0300-level or above.

***Joint Majors*:** The computer science component of a joint major requires: One CSCI course at the 0100-level, CSCI 0200, CSCI 0201, CSCI 0202; one course from CSCI 0301 and CSCI 0302; two CSCI electives at the 0300-level or above; and CSCI 0701.

***Advanced Placement and Waivers*:** First-year students whose secondary preparation indicates they can bypass one or more beginning courses should speak to a faculty member to determine the appropriate first course. College credit is given to students who achieve a score of 4 or 5 on the AP computer science A exam. CSCI 0200 may be waived for students who have completed MATH 0310 or MATH 0318 or both MATH 0200 and MATH 0247, or in consultation with the department chair.

CSCI 0105 Understanding Our Algorithmic World (Fall 2020)

In this course through lectures, labs, and discussions, we will examine the nature of computers and their role in our lives. We will use the lens of multimedia programming to learn basic computer programming and how computers represent and manipulate many common forms of data, such as text and images. We will also talk about the history of computers and learn how they interoperate to create the world we know today, and we will examine the societal impacts of technology on our lives, including implications for privacy, access to resources, and the increasing role of algorithms in shaping our world. (not open to students who have taken CSCI 0145 or higher) 3 hrs. lect./lab **DED** *(C. Andrews)*

CSCI 0110 Introduction to Programming through Simulation (Spring 2021)

In this course we will introduce computer programming through the exploration and writing of computer simulations with applications to ecological sciences and social sciences. We will use NetLogo as a software/programming tool for developing agent-based simulations. Students will learn basic programming constructs such as variables, conditionals, loops, procedures, and recursion as well as tools for experimenting with computer simulations. No prior experience in programming is expected or required. (not open to students who have taken CSCI 0145 or higher) (formerly CSCI 0190) 3 hrs. lect./disc. 1 hour lab. **DED**

CSCI 0145 Introduction to Computing (Fall 2020)

In this course we will provide a broad introductory overview of the discipline of computer science, with no prerequisites or assumed prior knowledge of computers or programming. A significant component of the course is an introduction to algorithmic concepts and to programming using Python; programming assignments will explore algorithmic strategies such as selection, iteration, divide-and-conquer, and recursion, as well as introducing the Python programming language. Additional topics will include: the structure and organization of computers, the Internet and World Wide Web, abstraction as a means of managing complexity, social and ethical computing issues, and the question "What is computation?" (Juniors and Seniors by waiver) (formerly CSCI 0101) 3 hr. lect./1 hr. lab **DED** *(J. Foley)*

CSCI 0150 Computing for the Sciences (Fall 2020, Spring 2021)

In this course we will provide an introduction to the field of computer science geared towards students interested in mathematics and the natural sciences. We will study problem-solving approaches and computational techniques utilized in a variety of domains including biology, chemistry, physics, and engineering. Students will learn how to program in Python and other languages, how to extract information from large data sets, and how to utilize a variety of tools employed in scientific computation. The course has no prerequisites and assumes no prior experience with programming or computer science. (Juniors and Seniors by waiver) 3 hrs. lect./lab **DED** *(Fall 2020: A. Briggs)*

CSCI 0200 Mathematical Foundations of Computing (Fall 2020, Spring 2021)

In this course we will provide an introduction to the mathematical foundations of computer science, with an emphasis on formal reasoning. Topics will include propositional and predicate logic, sets, functions, and relations; basic number theory; mathematical induction and other proof methods; combinatorics, probability, and recurrence relations; graph theory; and models of computation. (One CSCI course at the 0100-level) (Juniors and Seniors by waiver) 3 hrs. lect./lab **DED** *(Fall 2020: S. Kimmel)*

CSCI 0201 Data Structures (Fall 2020, Spring 2021)

In this course we will study the ideas and structures helpful in designing algorithms and writing programs for solving large, complex problems. The Java programming language and object-oriented paradigm are introduced in the context of important abstract data types (ADTs) such as stacks, queues, trees, and graphs. We will study efficient implementations of these ADTs, and learn classic algorithms to manipulate these structures for tasks such as sorting and searching. Prior programming experience is expected, but prior familiarity with the Java programming language is not assumed. (One CSCI course at the 0100-level) (Juniors and Seniors by waiver) 3 hrs. lect./lab **DED** *(Fall 2020: J. Grant)*

CSCI 0202 Computer Architecture (Fall 2020, Spring 2021)

A detailed study of the hardware and software that make up a computer system. Topics include assembly language programming, digital logic design, microarchitecture, pipelines, caches, and RISC vs. CISC. The goal of the course is teach students how computers are built, how they work at the lowest level, and how this knowledge can be used to write better programs. (CSCI 0201) (Seniors by waiver) 3 hrs. lect./lab **DED** *(Fall 2020: A. Vaccari)*

CSCI 0301 Theory of Computation (Fall 2020, Spring 2021)

This course explores the nature of computation and what it means to compute. We study important models of computation (finite automata, push-down automata, and Turing machines) and investigate their fundamental computational power. We examine various problems and try to determine the computational power needed to solve them. Topics include deterministic versus non-deterministic computation, and a theoretical basis for the study of NP-completeness. (CSCI 0200 and CSCI 0201) 3 hrs. lect./disc. **DED** *(Fall 2020: A. Briggs)*

CSCI 0302 Algorithms and Complexity (Fall 2020, Spring 2021)

This course focuses on the development of correct and efficient algorithmic solutions to computational problems, and on the underlying data structures to support these algorithms. Topics include computational complexity, analysis of algorithms, proof of algorithm correctness, advanced data structures such as balanced search trees, and also important algorithmic techniques including greedy and dynamic programming. The course complements the treatment of NP-completeness in CSCI 0301. (CSCI 0200 and CSCI 0201) 3 hrs. lect./disc. **DED** *(Fall 2020: A. Christman)*

CSCI 0312 Software Development (Fall 2020)

This course examines the process of developing larger-scale software systems. Laboratory assignments emphasize sound programming practices, tools that facilitate the development process, and teamwork. (CSCI 0200 and CSCI 0201) 3 hrs. lect./lab *(C. Andrews)*

CSCI 0313 Programming Languages (Fall 2020)

A systematic approach to concepts and features of programming languages. The course focuses on four major programming paradigms: procedural, object-oriented, functional, and logic programming languages. Students will program in several languages representing the different paradigms. Topics include grammars, data types, control structures, run-time organization, procedure activation, parameter passing, higher-order functions, lambda expressions, and unification. (CSCI 0200 and CSCI 0202) 3 hrs. lect./lab **DED** *(D. Scharstein)*

CSCI 0315 Systems Programming (Fall 2020)

Students will become intimately acquainted with the low-level software services that applications often take for granted. Through a broad, project-based survey of core system libraries and UNIX system calls, students will explore process management, memory management, linking and loading, threading, synchronization, filesystem operations, and inter-process communication (networking). In each area, students will build software using these building blocks, gaining an understanding of the behavior and efficiency of the tools at their disposal. Students will also gain experience building larger, more complex systems upon which applications can be built. This course is ideal for students who wish to understand and construct the software infrastructure upon which user-level software depends. (CSCI 0202) 3 hrs. lect **DED** *(D. Scharstein)*

CSCI 0318 Object-Oriented Programming and GUI Application Development (Spring 2021)

In this coding-intensive course students will deepen their understanding of data structures, algorithms, and object-oriented programming concepts through development of GUI (Graphical User Interface) applications. After a brief introduction to C++ and our development environment, Qt, we will immerse ourselves in them through work on an array of application development projects. Along the way, we will be introduced to a number of software development principles and build an understanding of fundamental object-oriented concepts in C++, including classes and inheritance, templates, pointers, constructors/destructors, and ownership. (CSCI 0202 or by waiver) 3 hrs lect./disc. **DED**

CSCI 0401 Computational Complexity (Spring 2021)

We will study models of computation and investigate whether a model of computation can solve a given problem efficiently or not. We will consider models that involve all-knowing provers, constrained space, communication limitations, randomness, and quantum resources, among others. While not all of these models are realistic, by studying them, we will gain insight into why certain classes of problems are easy or difficult to solve. Students enrolled in the College Writing (CW) section of the course will explore these ideas through writing, in particular, in three contexts that are critical for theoretical computer science: the proof (expert audience), a review paper (non-expert computer science audience), and a popular science article (educated public audience). (CSCI 0301 and CSCI 0302, or instructor approval).3 hrs. sem./1 hr. disc. **CW**, **DED**

CSCI 0441 Advanced Algorithms (Spring 2021)

In this course we will discuss advanced algorithms such as advanced graph and networking algorithms, randomized algorithms, approximation algorithms, and online algorithms. We will learn advanced techniques for the design and analysis of these algorithms and explore a variety of applications. (CSCI 0302) 3 hrs. lect./disc. **DED**

CSCI 0451 Machine Learning (Spring 2021)

Machine Learning is the study and design of computational systems that automatically improve their performance through experience. This course introduces the theory and practice of machine learning and its application to tasks such as database mining, pattern recognition, and strategic game-playing. Possible topics include decision-tree methods, neural networks, Bayesian and statistical methods, genetic algorithms, and reinforcement learning. (CSCI 0200 and CSCI 0201 and MATH 0200) 3 hrs. lect./lab **DED**

CSCI 0452 Image Processing (Spring 2021)

In this course students will learn basic image processing concepts and explore practical cross-disciplinary case studies in teams. They will use open-source tools to tackle real-world image and video analysis problems ranging from enhancing and denoising to tracking and extracting information from images and videos. Collaboratively, students will get to apply these tools to a problem of their choice in a semester-long project. (CSCI 0200 and CSCI 201) 3 hrs. lect./lab. **DED**

CSCI 0454 Biometrics (Fall 2020)

Biometric recognition, or simply biometrics, is the science of establishing the identity of a person based on physical or behavioral attributes. In this course we will cover the three primary modalities of biometric recognition, namely fingerprint, face, and iris. We will also introduce other emerging technologies such as recognition of gait, hand geometry, and ear. Other topics will include the security of biometrics, statistics for biometric evaluation, spoofing, ethical issues related to biometric technology, the relation to forensic science, and the impact biometric recognition has had on the judicial system. (CSCI 0200 and CSCI 201) 3 hrs. lect./lab. **DED** *(J. Grant)*

CSCI 0455 Drone Robotics (Spring 2021)

In this course we will introduce the fundamental concepts of robotics, specifically focusing on drones using current research and applications. Topics will include drone control, flight planning, obstacle avoidance, and sensing. We will utilize tools from computer vision, image processing, and artificial intelligence, and we will complete experiments using small drones in compliance with college policy. (CSCI 0200 and CSCI 201) 3 hrs. lect./lab **DED**

CSCI 0461 Computer Graphics (Fall 2020)

Computer graphics is the study of how computers represent, manipulate, and ultimately display visual information. In this course we will focus primarily on three-dimensional graphics, touching on topics such as modeling (meshes, hierarchical models, and transformations), rendering (lighting, texturing, rasterization, and clipping), animation, and GPU programming. We will look at the mathematical foundations of these techniques as well as implementation techniques using OpenGL. (CSCI 0202 and MATH 0200) 3 hrs. lect./lab **DED** *(P. Caplan)*

CSCI 0500 Advanced Study (Fall 2020, Spring 2021)

Individual study for qualified students in more advanced topics in computer science theory, systems, or application areas. Particularly suited for students who enter with advanced standing. (Approval required) 3 hrs. lect.

CSCI 0701 Senior Seminar (Fall 2020, Spring 2021)

This senior seminar provides a capstone experience for computer science majors at Middlebury College. Through lectures, readings, and a series of two to three week individual and group assignments, we will introduce important concepts in research and experimental methods in computation. Examples will include: reading research papers; identifying research problems; dealing with big data; experimental design, testing and analysis; and technical writing in computer science. (Approval only). *(P. Caplan, M. Dickerson)*

CSCI 0702 Senior Thesis (Fall 2020, Spring 2021)

The senior thesis is required for all CSCI majors who wish to be considered for high and highest departmental honors, and is recommended for students interested in pursuing graduate study in computer science. Students will spend the semester researching and writing, and developing and experimenting as appropriate for their topic. All students will be expected to report on their work in the form of a written thesis, a poster, and an oral presentation at the end of the semester. In addition, throughout the semester, students will meet as a group to discuss research and writing, and will be expected to attend talks in the Computer Science lecture series. Before approval to join the class is granted, students are expected to have chosen a thesis adviser from the CSCI faculty, and determined a thesis topic with the guidance and approval of that adviser. (CSCI 0701 and approval required) 3 hrs. lect./disc. *(Fall 2020: M. Dickerson)*

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Program in Dance

Consistent with its liberal arts mission, the Dance Program offers a rich set of eight foundational courses required of all Dance majors. Beyond these shared foundational courses, students take additional courses specific to one of three tracks: Choreography and Performance, Production and Technology, and Theory and Aesthetics. The complete requirements for each track (foundational courses plus track-specific courses) are as follows:

Choreography & Performance Track
1. 0116 (Creative Process)
2. 0260 (Advanced Beginning Dance)
3. 0261 (Introduction to Improvisation)
4. 0284 (Dance History)
5. 0360 (Intermediate/Advanced Dance)
6. 0370 (Production Workshop) or 0361 (Movement and Media)
7. 0376 (Anatomy & Kinesiology)
8. 0460 (Advanced Dance)
9. 0500 (Production Seminar)
10. 0700 (Senior Work)
11. Z-Lab (0470)

This track represents the core curriculum of the dance program for students primarily focused on contemporary approaches to technique, composition and performance. The culminating senior work in this track will take the form a formal concert work and written thesis.

Production & Technology Track
1. 0116 (Creative Process)
2. 0260 (Advanced Beginning Dance)
3. 0261 (Introduction to Improvisation)
4. 0284 (Dance History)
5. 0361 (Movement & Media)
6. 0370 (Production Workshop)
7. 0376 (Anatomy & Kinesiology)
8. 0460 (Advanced Dance) - Design Focused
9. 0700 (Senior Work) - Design & Production
10. 2 other Elective Courses from the Following Disciplines: (by advisor approval)

- Studio Art
- Architecture Studies
- Theatre
- Film and Media Culture

This track represents a directed course of study for students primarily focused on the skills and methods of dance production and media, digital representations of the body, and current innovations and aesthetic models presented by the confluence of dance and the digital age. The culminating senior work in this track will involve all elements of the production of a design-focused concert work and a written thesis.

Dance Studies Track (Theory & Aesthetics)
1. 0116 (Creative Process)
2. 0260 (Advanced Beginning Dance)
3. 0261 (Introduction to Improvisation)
4. 0284 (Dance History)
5. 0360 (Intermediate/Advanced Dance)
6. 0376 (Anatomy & Kinesiology)
7. 0460 (Advanced Dance)
8. 0500 (Production Seminar)
9. 0700 (Senior Work)
10. 2 other elective courses from the following disciplines: (by advisor approval)

- English and American Literature
- History
- Philosophy
- Sociology/Anthropology

This track represents a directed course of study for students interested in dance as a focus for scholarly work and theoretical inquiry by developing the ability to articulate the interdisciplinary and intercultural aspects of dance, as well as write about the potential of the moving body to both reflect and impact culture. The culminating senior work in this track will take the form a public lecture and written thesis.

Joint Major Requirements
1. ARDV 0116 (Creative Process)
2. DANC 0284 (Dance History)
3. DANC 0376 (Anatomy & Kinesiology)
4. Three semesters of technique and choreography at or above the 0200 level
5. DANC 0700 (Senior Work)

Minor Requirements
1. ARDV 0116 (Creative Process)
2. DANC 0284 (Dance History)
3. DANC 0376 (Anatomy & Kinesiology)
4. Two semesters of technique and choreography at or above the 0200 level

Honors-Dance: Honors, high honors, or highest honors are awarded to graduating seniors in the dance program based upon a grade point average of A- or better in department and cognate courses, a grade of A- or better on the DANC 0700 Senior Independent Project, and overall distinction in the program. Normally only full majors will be eligible for highest honors.

ARDV 0116 The Creative Process (Fall 2020, Spring 2021)

In this course, students will have the opportunity to dig deeply into their own creativity and explore the processes by which ideas emerge and are given shape in the arts. The experiential nature of this course integrates cognition and action, mind and body. Students will engage a range of modes of discovering, knowing, and communicating, which are designed to push them beyond their present state of awareness and level of confidence in their creative power. Practical work will be closely accompanied by readings and journaling, culminating with the creation and performance of a short project. (First- and second-year students only; Not open to students who have taken FYSE 1364) 3 hrs. lect. **ART** *(Fall 2020: L. Winfield)*

Cross-listed as: FYSE 1063 *

DANC 0160 Introduction to Dance (Fall 2020, Spring 2021)

This entry-level dance course introduces movement techniques, improvisation/composition, performance, experiential anatomy, and history of 20th century American modern dance. Students develop flexibility, strength, coordination, rhythm, and vocabulary in the modern idiom. Concepts of time, space, energy, and choreographic form are presented through improvisation and become the basis for a final choreographic project. Readings, research, and reflective and critical writing about dance performance round out the experience. 2 hrs. lect./3 hrs. lab **ART**, **PE** *(Fall 2020: K. Borni)*

DANC 0260 Advanced Beginning Dance I (Spring 2021)

This is the first course in the studio sequence for students entering Middlebury with significant previous dance experience. It is also the course sequence for those continuing on from DANC 0160 or DANC 0161 and provides grounding in the craft of modern dance needed to proceed to more advanced levels. Modern dance movement techniques are strengthened to support an emerging individual vocabulary and facility with composition. Students regularly create and revise movement studies that focus on the basic elements of choreography and the relationship of music and dance. Readings, journals, and formal critiques of video and live performance contribute to the exploration of dance aesthetics and develop critical expertise. (DANC 0160 or by approval) 3 hrs. lect./3 hrs. lab **ART**, **PE**

DANC 0261 Improvisational Practices (Fall 2020)

In this course students will gain an embodied understanding of the practices and techniques needed to proceed to advanced improvisational work. Research into forms such as partnering, ensemble work, text, musical exercises, compositions, and scores/projects will focus on mapping the moving body in the moment. Readings, journals, and responses to video viewings and live performances contribute to the exploration of historical contexts, aesthetics, and cultural improvisations. 3 hrs. lect./3 hrs. lab **ART**, **PE**

DANC 0277 Body and Earth (Spring 2021)

This course has been designed for students with an interest in the dialogue between the science of body and the science of place. Its goals are to enhance movement efficiency through experiential anatomy and to heighten participants' sensitivity to natural processes and forms in the Vermont bioregion. Weekly movement sessions, essays by nature writers, and writing assignments about place encourage synthesis of personal experience with factual information. Beyond the exams and formal writing assignments, members of the class will present a final research project and maintain an exploratory journal. 3 hrs. lect. 1 hr. lab. **AMR**, **ART**, **CW** (5 seats), **NOR**, **PE**

DANC 0284 Modern Dance History in the United States: Early Influences to Postmodern Transformations (Fall 2020)

In this seminar we will focus on the emergence and development of 20th century American concert dance--especially modern and postmodern dance forms--from the confluence of European folk and court dance, African and Caribbean influences, and other American cultural dynamics. We will look at ways in which dance reflects, responds to, and creates its cultural milieu, with special attention to issues of gender, race/ethnicity, and class. Readings, video, and live performance illuminate the artistic products and processes of choreographers whose works mark particular periods or turning points in this unfolding story. Our study is intended to support informed critical articulations and an understanding of the complexity of dance as art. 3 hrs. lect./2 hrs. screen. **AMR**, **ART**, **HIS**, **NOR** *(K. Borni)*

Cross-listed as: GSFS 0284

DANC 0286 Global Contemporary Dance (Spring 2021)

In this seminar we will ask what dancing “locally” signifies in a global world and what coheres – across multiple dance practices, performances and intercultural collaborations – in the category of “contemporary dance.” Through ethnographic research and expository and embodied activities we will explore dance as a complex site of cultural negotiation and contestation, challenging binaries between Western and non-Western movement traditions. With a focus on Asia, Latin America, Africa and the Middle East, we will trace how dance flows transnationally across varied political economies; contributes to the formation of ethnic, racial, gendered, national and (post) colonial identities; and complicates notions of cultural “authenticity.” (No previous dance experience required)
3 hrs. lect/disc. **AAL**, **ART**, **CMP**, **SOC**

DANC 0360 Intermediate/Advanced Dance I (Fall 2020)

This course involves concentrated intermediate-advanced level work in contemporary dance technique and choreography culminating in production. Theoretical issues of importance to the dancer/choreographer are addressed through readings, writings and practice. (DANC 0261 or by waiver; this course may be taken in any sequence with DANC 0361, DANC 0460, DANC 0461) 3 hrs. lect./3 hrs. lab **ART**, **PE** *(L. Winfield)*

DANC 0370 Production Workshop (Fall 2020, Spring 2021)

In preparing two fully produced dance productions for the stage, students will participate in and be exposed to professional production practices in all areas of dance technical design, including sets, costumes, props, lights, and sound. Students will be involved in planning, building, operating, lighting, documenting, striking, and publicizing fully produced dance program concerts. (6 hrs. lab) **ART** (Fall 2020), **PE** (Fall 2020) *(Fall 2020: J. Ponder)*

DANC 0376 Anatomy and Kinesiology (Spring 2021)

This course offers an in-depth experiential study of skeletal structure, and includes aspects of the muscular, organ, endocrine, nervous, and fluid systems of the human body. The goal is to enhance efficiency of movement and alignment through laboratory sessions, supported by assigned readings, exams, and written projects. (Not open to first-year students) 3 hrs. lect. **ART**, **PE**

DANC 0380 Dance Company of Middlebury (Fall 2020)

Dancers work with the artistic director and guest choreographers as part of a dance company, learning, interpreting, rehearsing, and performing dances created for performance and tour. Those receiving credit can expect four to six rehearsals weekly. Appropriate written work, concert and film viewing, and attendance in departmental technique classes are required. Auditions for company members are held in the fall semester for the year. One credit will be given for two terms of participation. Performances and tour are scheduled in January. (Limited to sophomores through seniors, by audition.) (DANC 0260; Approval required) 4 hrs. lect./4 hrs. lab **ART**, **PE**

DANC 0460 Intermediate/Advanced Dance III: The Place of Dance (Spring 2021)

In this course we will investigate three aspects of place in relation to dance: where we source movement, the relevance of dance in culture, and the effects of place on the moving dancing body. Material covered will include body systems dance technique at the intermediate/advanced level, improvisation and composition toward choreography and site specific work, readings and reflective writing, and performance viewing. The course culminates in formal and informal showings of performance work. The emergence of a personal philosophy and dance aesthetic will be engaged and formally articulated in writing. (DANC 0261; this course may be taken in any sequence with DANC 0360, DANC 0361, DANC 0461) 4.5 hrs. lect./2 hrs. lab. **ART**, **PE**

DANC 0461 Intermediate/Advanced Dance IV: Advanced Dance Improvisation (Spring 2021)

Students will gain rigorous training in the simultaneous conception, composition, and performance of dance works. This will include units in techniques such as contact improvisation, performance improvisation, site specific work, musical collaboration, and elemental integration. The body will be developed as an articulate, responsive instrument while the mind is honed toward quick, clear perception of potential form with a willingness to act and react. Personal philosophy and dance aesthetics will be cultivated and formally articulated in writing. Musicians proficient with their instrument and interested in improvisation are strongly encouraged to seek admission. (Required for dancers: DANC 0261 or by waiver; this course may be taken in any sequence with DANC 0360, DANC 0361, DANC 0460) 6 hrs lect. **ART**, **PE**

DANC 0470 Technique Workshop (Spring 2021)

This advanced physical and theoretical study of a variety of movement techniques will further prepare dance majors and minors for the rigors of performance, technical craft, and physical research. Exercises and discussions will revolve around increased subtlety, strength, flexibility, musicality, and dynamics with the goal of heightening the communicative range of the moving body. Rotating movement aesthetics taught by dance faculty. (Approval required) **ART**, **PE**

DANC 0500 Independent Project (Fall 2020, Spring 2021)

(Approval Required)

DANC 0700 Independent Project (Fall 2020, Spring 2021)

(Approval Required) *(Fall 2020: G. Forestieri, C. Brown)*

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Department of Economics

I. Required for the Major
The economics major consists of a minimum of 11 approved courses in four sequences. At least six of these eleven courses, including the electives taken at the 0300- and 0400-levels and the 0701/0702 sequence, must be taken at Middlebury College in Vermont. Note that although the 0701/0702 sequence is taken over two semesters (Fall/Winter or Winter/Spring) and counts as two credits towards the minimum 36 college requirements, it only counts as one course towards the economics major requirements. ECON 0240 and ECON 0500 do not count towards the major requirements. Economics electives taken during the winter term will count towards the major requirements only if so designated in the winter term catalog.

Introductory Sequence: ECON 0150 and ECON 0155. Neither ECON 0150 nor ECON 0155 assumes any prior exposure to economics, but both courses presume a thorough working knowledge of algebra. Note: Students must pass ECON 0150 and ECON 0155 with at least a C- to be admitted into ECON 0250 and ECON 0255 respectively without a waiver.

Quantitative Sequence: The quantitative sequence in economics consists of two courses. The first course can be ECON 0210, MATH 0116, MATH 0310, or PSYC 0201. (ECON 0210 may not be taken concurrently with MATH 0116, MATH 0310 or PSYC 0201. Credit is not given for ECON 0210 if the student has taken MATH 0116, MATH 0310 or PSYC 0201.) Students with strong mathematical background wanting to take MATH 0410 (Stochastic Processes) should take MATH 0310 rather than MATH 0116 or ECON 0210, since MATH 0310 is a prerequisite for MATH 0410. The second course in the sequence is ECON 0211. Students must pass ECON 0210 with at least a C- to be admitted into ECON 0211 without a waiver.

Intermediate Theory Sequence: ECON 0250; ECON 0255; and one of ECON 0212, ECON 0229, or ECON 0280. Note: It is important, especially for those planning to study abroad for a full year, that the above three sequences be completed by the end of the sophomore year.

Elective Sequence: Majors are required to take at least four electives, one of which must be at the 0400-level and one of which must be any of the following: a 0300-level course, another 0400-level course, or the ECON 0701/0702 senior workshop sequence. The other two electives may be 0200-, 0300-, or 0400-level courses.

The 0300-level courses are advanced electives exposing students to frontier research in specific subfields of economics that have intermediate theory as a prerequisite. The 0400-level courses are seminars that typically enroll no more than 16 students, have intermediate theory as a prerequisite, and serve as a capstone experience for the major. Emphasis is placed on reading, writing, and discussion of economics at an advanced level. The 0701/0702 workshops are seminars that typically enroll eight students, have intermediate theory and a field course as a prerequisite, and involve writing an independent research paper. The difference between an ECON 0400-level seminar and an ECON 0701/0702 workshop is the degree of independence the student has and the level of sophistication expected in the paper.

Honors: To be eligible for honors in economics, students must take the Senior Research sequence (ECON 0701 and ECON 0702) during their senior year. The purpose of this two-semester sequence is to foster independent student research, culminating in a research paper

in the style of an economics journal article. Prior to enrolling in ECON 0701, students must have taken a minimum of six economics courses at Middlebury approved to count towards the major requirements. Each course in the sequence will have no more than eight students who will work on their projects for two semesters (either fall/winter or winter/spring) and will include both individual meetings and group meetings to develop new techniques and present and discuss research. Students who have prearranged a research topic with the professor will be given priority in admission to the seminar. Also, because of limited resources for guiding senior work, students with a single major in economics will be given priority over double majors who will do senior work in other departments. Students interested in pursuing departmental honors must take the Senior Research Workshop sequence (ECON 0701 and ECON 0702). To receive departmental honors the student must receive a minimum grade of A- in ECON 0701 and ECON 0702, and have a 3.5 or higher GPA in all economics courses taken at Middlebury approved to count towards the major requirements. High Honors requires a minimum grade of A in ECON 0701 and ECON 0702, and a 3.75 or higher economics GPA. Highest Honors requires a minimum grade of A in ECON 0701 and ECON 0702, and a 3.9 or higher economics GPA. For more detailed information on how the economics GPA is calculated, please contact the department coordinator.

Joint Majors: The Department of Economics does not offer a joint major.

***International Politics and Economics Major*:** Please refer to the International Politics and Economics section of the catalog for details about the major or visit the International Politics & Economics website for the most current information. Note: Students are not allowed to double major in Economics (ECON) and International Politics and Economics (IPEC).

Major in Environmental Studies with a focus in Economics (ESEC): Please refer to the Environmental Studies Program section of the catalog (under Social Science foci) for details about the major or visit the Environmental Studies website for the most current information. Note: Students are not allowed to double major in Economics (ECON) and Environmental Economics (ESEC).

Major in Environmental Studies with a focus in Policy (ESEP): Please refer to the Environmental Studies Program section (under Social Science foci) for details about the major or visit the Environmental Studies website for the most current information. It is possible to double major in Economics (ECON) and Environmental Policy (ESEP), however, double counting of Economics courses towards each major is not allowed, except in cases where a specific course is listed as required by both majors.

AP Credit Policy: To obtain credit, students will need to submit their official scores to the Registrar's Office and obtain approval from the department chair. Students who score a 5 on the Advanced Placement exam in Macroeconomics or Microeconomics will receive credit for Introductory Macroeconomics (ECON 0150) or Introductory Microeconomics (ECON 0155) respectively and cannot enroll in these courses at Middlebury. Students who score a 5 on the advanced placement exam in statistics are strongly encouraged to enroll in Economic Statistics (ECON 0210) but they may choose to use their AP credit instead. Note: Students may not receive AP credit and course credit for the same course.
Students who score a 4 on the advanced placement exam in Macroeconomics, Microeconomics or Statistics must earn a B- or better grade in the corresponding intermediate-level course ECON 0250, ECON 0255, or ECON 0211, respectively, to receive college credit for the AP course. Note: Students are required to complete an additional elective for each of these courses when a grade of B- or higher is not earned in the corresponding intermediate-level course.

International Baccalaureate/A-Levels: Students who have completed an International Baccalaureate and have earned a score of 7 on IB Economics or a grade of A on A-Level Economics should begin their studies of Macroeconomics and Microeconomics with ECON 0250 and ECON 0255. These students will be given one course credit toward the economics major, and will be prohibited from enrolling in ECON 0150 or ECON 0155. Students who have earned a score of 6 on IB economics or a grade of B on A-Level economics are encouraged to begin their studies of Macroeconomics and Microeconomics with ECON 0250 and ECON 0255, but they may elect to enroll in ECON 0150 or ECON 0155. Students majoring in Economics will need to replace the other introductory course with an ECON elective. Students who have completed a statistics course with a score of 6 or higher on IB Statistics, or a grade of B or better on A-Level Statistics may begin their course of study of economics statistics with ECON 0211 or MATH 0310. If they choose to start with ECON 0211 or MATH 0310, they will need to replace the ECON 0210 credit with an ECON elective. The same rules apply where ECON courses are requirements for other majors. Please notify the department coordinator if you have qualifying IB or A-Level scores in economics that you wish to use as a prerequisite.

Transfer of Credit: Students may take economics courses in approved programs (abroad and domestic) and have those courses count towards the major and/or the general graduation requirement. Summer school courses will not generally be given credit for the major unless there is an overriding reason to take a summer school course. Any summer school course must meet a minimum of six weeks and have at least 36 hours of class time. Students planning to take courses off-campus should discuss the proposed course(s) with their advisor and get pre-approval from the department chair. Upon completion of the course(s), students should submit their course material and a copy of their transcript along with a Transfer Credit Application Form to the department chair for departmental approval. After receiving departmental approval, students must submit their forms to the Registrar's Office for final approval by the director of off-campus study. Note: Transfer Credit Forms are not required for courses listed in the Course Information Data base (CID) as approved to count towards the major. However, students must notify the Registrar's Office of any transferred courses approved in the CID that they wish to be counted towards their major requirements. Courses having a BU (Business) or MGMT (Management) prefix will not normally be considered the equivalent of an economics course. No credit will be given for business courses taken over the summer. A maximum of one general credit will be given for a business course taken through a junior year abroad business program. Business courses taken in a non-business program will be considered on a case-by-case basis. Those that match the department's offerings, and have strong liberal arts content, have the best chance of receiving credit.

II. Post-Graduate Preparation

Graduate programs in economics or finance [other than a Masters of Business Administration (MBA)] generally require a high degree of mathematical sophistication. Students thinking of continuing in such a program are encouraged to: (i) take MATH 0310 in place of ECON 0210; (ii) select economics electives with significant mathematically and statistically rigorous content [recommended courses fulfilling the elective requirements of the economics major include: ECON 0212, ECON 0229, ECON 0280, ECON 0390, and ECON 0411]; (iii) take a number of additional courses in mathematics and computer science [recommended courses include: CSCI 0101, MATH 0315, MATH 0318, MATH 0323, MATH 0410, and MATH 0423]. Good training for graduate school might include being a statistics tutor or having worked as a research assistant at Middlebury College or at a Federal Reserve Bank, or as an intern at a research institute or NGO. Students thinking about this option should discuss their plans with their advisor and other faculty members.. Masters of Business Administration (MBA) programs look for students who

have taken a wide range of courses across the curriculum rather than for students who have narrowly focused on economics and math. Thus, it is not necessary for someone planning to go on in business or to an MBA program to have majored in economics. MBA programs normally expect that students have worked for a couple of years in business, government, or similar organization before they begin the MBA program. The appropriate coursework for these MBA programs is a wide range of liberal arts courses.

III. Minor in Economics
The Department of Economics does not offer a minor.

ECON 0150 Introductory Macroeconomics (Fall 2020, Spring 2021)

An introduction to macroeconomics: a consideration of macroeconomic problems such as unemployment and inflation. Theories and policy proposals of Keynesian and classical economists are contrasted. Topics considered include: banking, financial institutions, monetary policy, taxation, government spending, fiscal policy, tradeoffs between inflation and unemployment in both the short run and the long run, and wage-price spirals. 3 hrs. lect. **SOC** *(Fall 2020: C. Artunc, C. Craven)*

ECON 0155 Introductory Microeconomics (Fall 2020, Spring 2021)

An introduction to the analysis of such microeconomic problems as price formation (the forces behind demand and supply), market structures from competitive to oligopolistic, distribution of income, and public policy options bearing on these problems. 3 hrs. lect. **SOC** *(Fall 2020: J. Holmes, J. Isham, S. Pecsok)*

ECON 0207 Economics and Gender (Spring 2021)

Economics and Gender is an introduction to using the tools of economics to understand gender-related issues. In the first part of the course we will review economic models of the household, fertility, and labor supply and discuss how they help us interpret long-term trends in marriage and divorce, fertility, and women’s labor-force participation. In the second part of the course we will study economic models of wage determination and focus on explanations of, and policy remedies for, earnings differentials by gender. The final part of the course will focus on new research in economics on gender-related topics. (ECON 0155) 3hrs. lect. **CW**, **SOC**

ECON 0210 Economic Statistics (Fall 2020, Spring 2021)

Basic methods and concepts of statistical inference with an emphasis on economic applications. Topics include probability distributions, random variables, simple linear regression, estimation, hypothesis testing, and contingency table analysis. A weekly one-hour lab is part of this course in addition to three hours of class meetings per week. Credit is not given for ECON 0210 if the student has taken MATH 0116, or MATH 0310, or PSYC 0201 previously or concurrently. (ECON 0150 or ECON 0155) 3 hrs. lect., 1 hr. lab **DED** *(Fall 2020: P. Sommers, A. Rao)*

ECON 0211 Introduction to Regression Analysis (Fall 2020, Spring 2021)

In this course regression analysis is introduced. The major focus is on quantifying relationships between economic variables. Multiple regression identifies the effect of several exogenous variables on an endogenous variable. After exploring the classical regression model, fundamental assumptions underlying this model will be relaxed, and further new techniques will be introduced. Methods for testing hypotheses about the regression coefficients are developed throughout the course. Both theoretical principles and practical applications will be emphasized. The course goal is for each student to employ regression analysis as a research tool and to justify and defend the techniques used. (MATH 0121; and ECON 0150 or ECON 0155; and ECON 0210; or by approval) 3 hrs. lect., 1 hr. lab **DED** *(Fall 2020: T. Byker)*

ECON 0212 Empirical Research Methods in Economics (Fall 2020)

In this course we will provide students with the tools to conceptualize, design, and carry out a research project in economics. Topics will include survey design, sampling and power, experimental design (in and out of the lab), natural experiments, and other approaches to identifying causal relationships. Drawing from several sub-disciplines in economics, students will examine, replicate, and critique various studies. Emphasis will be placed on the formulation of valid, feasible research questions, and on the description and interpretation of results. (ECON 0211) 3 hrs. lect. *(C. Myers)*

ECON 0222 Economics of Happiness (Fall 2020)

We will explore the economics of happiness in both the micro and macro realm. We start with the neoclassical model of rational individuals who know with great precision what makes them happy. Next we explore behaviorist challenges to that model, including issues of regret, altruism, fairness, and gender. On the macro side, we investigate the puzzle of why, though most of us like more income, a growing GDP does not seem to make societies happier; we examine the impact of the macroeconomic environment on individual happiness. Finally we touch on current policy issues such as quantitative happiness indicators that have been adopted around the world, “paternalistic” policy measures to increase happiness, and the no-growth movement. (ECON 0150 or ECON 0155) 3 hrs. lect. **SOC** *(C. Craven)*

ECON 0228 Economics of Agricultural Transition (Fall 2020)

In 1860 farmers made up over half the population of this country and fed about 30 million people. Today they number 2% of the population and produce more than enough to feed 300 million people. In this course we will look at the history, causes, and results of this incredible transformation. While studying the economic forces behind the changing farming structure, we will examine farm production, resources, technology, and agricultural policy. Field trips to local farms and screenings of farm-related videos and movies will incorporate the viewpoint of those engaged in agriculture. (ECON 0150 or ECON 0155) 2hrs. lect., 2 hrs. lab **AMR**, **NOR**, **SOC** *(S. Pecsok)*

ECON 0229 Economic History and History of Economic Thought (Fall 2020, Spring 2021)

This course will provide an introduction to economic history and the history of economic thought. We will investigate and understand the causes and consequences of important historical events and trends, such as industrialization and globalization, from an economic perspective. We devote considerable attention to the dissemination throughout Europe of new industrial and agricultural practices originating in Britain. Along the way, we evaluate how prominent economists perceived and analyzed the events of their time. (ECON 0150, ECON 0155) 3 hrs. lect. **EUR**, **HIS**, **SOC** *(Fall 2020: A. Gregg)*

ECON 0240 International Economics: Theory and Policy (Spring 2021)

This course provides an overview of international trade and finance. We will use economic theory to help us understand how and why countries interact in the global economy and evaluate the effects of different trade, exchange rate, and macroeconomic policies. Topics covered will include the reasons for trade, the winners and losers from trade, trade policies, trade agreements, exchange rates, the balance of payments, causes of and solutions to financial crises, and the role of the WTO and IMF. ECON 0240 does not count towards the ECON major or minor requirements. (ECON 0150 and ECON 0155) 3 hrs. lect.

ECON 0250 Macroeconomic Theory (Fall 2020, Spring 2021)

Macroeconomic theory analyzes whether the market effectively coordinates individuals' decisions so that they lead to acceptable results. It considers the effectiveness of monetary, fiscal, and other policies in achieving desirable levels of unemployment, inflation, and growth. The theories held by various schools of economic thought such as Keynesians, monetarists, and new classicals are considered along with their proposed policies. (MATH 0121 and ECON 0150) 3 hrs. lect. *(Fall 2020: A. Fieldhouse, K. Sargent)*

ECON 0255 Microeconomic Theory (Fall 2020, Spring 2021)

Microeconomic theory concentrates on the study of the determination of relative prices and their importance in shaping the allocation of resources and the distribution of income in an economy. We will study the optimizing behavior of households in a variety of settings: buying goods and services, saving, and labor supply decisions. We will also examine the behavior of firms in different market structures. Together, the theories of household and firm behavior help illumine contemporary economic issues (discrimination in labor markets, mergers in the corporate world, positive and negative externalities, for example). (MATH 0121 and ECON 0155) 3 hrs. lect. *(Fall 2020: J. Berazneva)*

ECON 0265 Environmental Economics (Fall 2020, Spring 2021)

This course is dedicated to the proposition that economic reasoning is critical for analyzing the persistence of environmental damage and for designing cost-effective environmental policies. The objectives of the course are that each student (a) understands the economic approach to the environment; (b) can use microeconomics to illustrate the theory of environmental policy; and (c) comprehends and can critically evaluate: alternative environmental standards, benefits and costs of environmental protection, and incentive-based environmental policies. (ECON 0155) 3 hrs. lect. *(Fall 2020: A. Rao)*

ECON 0280 Game Theory (Fall 2020, Spring 2021)

Game theory is general in scope and has been used to provide theoretical foundations for phenomena in most of the social and behavioral sciences. Economic examples include market organization, bargaining, and the provision of public goods. Examples from other behavioral sciences include social dilemmas and population dynamics. In this course students will learn the basics of what constitutes a game and how games are solved. (ECON 0155 and MATH 0121 required; ECON 0255 recommended) 3 hrs. lect. *(Fall 2020: A. Robbett)*

ECON 0329 Theory and Measurement in Economic History (Spring 2021)

Economic historians study past events, employing diverse methodologies to understand technology adoption, market integration, and the effect of institutions on performance. In this course we will focus on strategies economists use to learn about the past itself and to use past events to understand how all economies function. We will ponder especially conflicts and complementarities between theoretical and empirical reasoning. Each student will complete a research proposal that justifies applying a set of tools to address an economic history question. (ECON 0210 and ECON 0240 or ECON 0255; or by approval) 3 hrs. sem. **CMP**, **CW**, **HIS**, **SOC**

ECON 0365 The Economics of Climate Change (Spring 2021)

In this course we will apply the tools of economic analysis to the problem of global climate change. The goal is to expose students to how economists approach this important policy problem. The course will begin with a review of reasons for policy interventions in markets and policy instrument choice. We will then focus on the measurement of damages from emissions of greenhouse gases. Subsequent topics will include: discounting, technology and abatement costs, benefit-cost analysis, uncertainty and catastrophic risk, and policies in practice. Text: Climate Casino (Nordhaus, 2014). Additional readings: articles in environmental economics, natural science, and the popular press. (ECON 0255; ECON 0265 encouraged). 3 hrs. lect.

ECON 0370 Introduction to Public Economics (Fall 2020)

This course serves as an introduction to the study of the government's role in modern market economies. In particular, we will explore the design and impact of government expenditure programs and taxation systems on the welfare and behavior of its citizens. We will consider the following questions: When is government intervention in the economy appropriate? What is the most effective form of intervention? What effects do government policies have on incentives for firms, individuals, and others in the private sector? In this course we will cover a wide range of issues in public economics with a primary focus on current policy debates in the United States, employing standard empirical and theoretical tools used in public economic research. Selected topics include: income taxation, social security, regulation of pollution and other externalities, public goods such as national defense and education spending, welfare programs, inequality, health insurance and other social insurance programs, redistribution, the indirect consequences of taxation, tax evasion, as well as applications of behavioral and experimental economics to these areas. (ECON 0255) 3 hrs. lect. **SOC** *(P. Matthews)*

ECON 0401 Poverty, Inequality and Distributive Justice (Fall 2020, Spring 2021)

This seminar will explore recent theoretical and empirical research on socioeconomic inequality. The definitions, causes and consequences of inequality at both the individual (micro) and national and international (macro) levels will be considered. (ECON 0211 and ECON 0255) 3 hrs. sem. *(Fall 2020: P. Matthews)*

ECON 0411 Applied Econometrics (Fall 2020)

This course is designed to further students' understanding of parameter estimation, inference, and hypothesis testing for single and multiple equation systems. Emphasis will be placed on specification, estimation, and testing of micro/macro econometric models and using such models for policy analysis and forecasting. Large cross-sectional as well as panel data sets will be used for estimation purposes. (ECON 0211 and ECON 0250 and ECON 0255; or by approval) 3 hrs. sem. *(P. Wunnava)*

ECON 0418 Macroeconomics of Depressions (Fall 2020, Spring 2021)

In this course we will develop a framework for analyzing liquidity traps, economic depressions, and failures of macroeconomic stabilization policy. We will contrast the causes of and policy responses to the Great Depression, Japan’s “Lost Decades,” the Great Recession, and the ongoing depression in Greece. We will also study the international transmission of the Great Depression through the gold standard and the global transmission of the Great Recession through modern financial and trade linkages. Throughout, we will track the evolution of views on stabilization policy, austerity, and the costs of prolonged periods of depressed demand. (ECON 0240 or ECON 0250) 3 hrs. sem. *(Fall 2020: A. Fieldhouse)*

ECON 0420 Globalization and US Inequality (Fall 2020)

Does globalization increase inequality in the United States? In this course we will study how trade, automation, immigration, and financial integration relate to the distribution of income, wealth, and employment in the US over the last century. In the first part of the course we will study theoretical frameworks to shed light on this question. In the second part, we will turn to the data and read peer-reviewed articles, discussing evidence for and against globalization increasing US inequality. Lastly, we will debate policy prescriptions, to address these issues. (ECON 0211 and ECON 0240 or ECON 0250) 3 hrs. sem. **AMR**, **NOR** *(E. Wolcott)*

ECON 0427 ECON 0427 Population Economics (Spring 2021)

In this course we will use an economic perspective to analyze changes in fertility, mortality, marriage, and household structure in both industrialized and developing countries. We will explore how these changes interact with labor markets, poverty, inequality, urbanization, migration and the status of women using the theoretical and empirical tools of applied economic analysis. Students will engage in data-driven projects to study demographic behavior. Experience with statistical analysis is strongly encouraged. (ECON 0255 or 0240 required; ECON 0211 strongly recommended) 3 hrs. sem.

ECON 0431 Economics of the European Union (Fall 2020, Spring 2021)

This course will introduce students to the major economies of Western Europe and also the economic functions and structure of the institutions of the European Union. The course aims to familiarize students with the theoretical economic and policy issues that are currently of concern in the European Union. Moreover, the course aims to analyze economic problems that are of particular relevance to the member states of the European Union, such as the coordination of policies within an intergovernmental supranational framework and how to sustain the integration dynamic. (ECON 0250 or ECON 0240) 3 hrs. sem. **EUR** *(Fall 2020: K. Sargent)*

ECON 0453 Historical Development of the World Economy (Fall 2020)

Many of the controversies and tensions modern economies have to contend with today, such as growth, inequality, and instability, emerged during the last few centuries. In this seminar we will use economic and historical tools to develop a better understanding of the profound transformations in technology, finance, and international trade over time. We will analyze the challenges the world faced as capital, labor, and commodity markets became rapidly integrated, including financial crises, rising income and wealth inequality, and modernizing policies. (ECON 0210 and ECON 0250 or ECON 0240) 3 hrs. sem. *(C. Artunc)*

ECON 0454 History of the Firm (Fall 2020)

In this course we will trace the history of firms from the Classical Age to the present, using theoretical and empirical economics to understand what makes a “firm,” how firms have been organized throughout history, why firm organization may differ across countries (e.g., early industrial firms in Europe vs. Latin America vs. the United States), and what firm structure implies for economic performance. Our discussion will rely on subfields like institutional economics, development, and finance. Final research papers will evaluate the organizational history of a single firm or the development of firm structures in an industry or country. (ECON 0211 and ECON 0240 or ECON 0255; or by approval) 3 hrs. sem. **CMP**, **HIS**, **SOC** *(A. Gregg)*

ECON 0465 Special Topics in Environmental Economics (Spring 2021)

The objective of this seminar is that each student achieves fluency in a set of advanced concepts in environmental economics. The seminar is divided into two main sections. First, we introduce the core theory and policy implications of environmental economics. These include the theory of externalities and public goods; the Coase theorem; and policy instrument choice. Empirical methods used to measure the costs and benefits of environmental policies are also introduced. Second, we study some selected topics: the economics of local air pollution and greenhouse gases; the design of market-based environmental policies; the economics of non-renewable resources, including fossil fuels and old-growth forests; and the management of renewable resources, including fisheries and second-growth forest resources. (ECON 0255) 3 hrs. sem.

ECON 0466 Environment and Development (Spring 2021)

Climate change, air pollution, tropical deforestation: there is little doubt that economic development affects, and is affected by, the global and local environment and natural resources. In this course we will explore the complex relationship between environment and development using the theoretical and empirical tools of applied economic analysis. We will begin with pioneering research papers on the empirics of economic growth, examine the macroeconomic evidence, and then move to the micro foundations of the poverty-environment nexus. Major topics will include the resource curse and environmental Kuznets curve hypotheses, approaches for understanding responses to climate variability and disasters in poor communities, management of natural resources in smallholder agriculture, choosing policy instruments for pollution reduction, conservation, and environmental protection, and relationships between human health and the environment. We will conclude with a number of selected topics and issues of contemporary policy relevance. (ECON 0210 and ECON 0240 or ECON 0255; or by approval) 3 hrs. sem. **SOC**

ECON 0485 The Economics of Sports (Spring 2021)

This is a survey course of topics illustrating how microeconomic principles apply to the sports industry. Topics covered will include the industrial organization of the sports industry (notably, issues of competitive balance and the implications of monopoly power), the public finance of sports (notably, the impact teams have on host municipalities), and labor issues related to sports (including player worth and discrimination). The prerequisites for this course are meant to ensure that students can both understand fundamental economic concepts and present the results of econometric research as they apply to the sports industry. (ECON 0210 and ECON 0211 and ECON 0255) 3 hrs. sem.

ECON 0500 Individual Special Project (Fall 2020, Spring 2021)

If you choose to pursue an area that we do not offer or go in depth in an area already covered, we recommend the Individual Special Project option. These ECON 0500 proposals MUST be passed by the entire department and are to be submitted to the chair by the first Friday of fall and spring semester, respectively. The proposals should contain a specific description of the course contents, its goals, and the mechanisms by which goals are to be realized. It should also include a bibliography. According to the College Handbook, ECON 0500 projects are a privilege open to those students with advanced preparation and superior records in their fields. A student needs to have a 3.5 or higher G.P.A. in Economics courses taken at Middlebury in order to pursue an Individual Special Project. ECON 0500 does not count towards the major or minor requirements.

ECON 0701 Senior Research Workshop I (Fall 2020)

In this first semester, students will design and begin their projects. Emphasis will be on designing a novel research question (while making the case for its importance) and an appropriate strategy for answering it. This requires immersion in the academic literature on the topic. General research principles and tools will be taught in class, as a group, while those specific to individual projects will be covered in one-on-one meetings. By the end of the term, students will outline their plan for completing the project, including demonstrating that it is a feasible research question for which the necessary information (e.g., data or source materials) is available or can be generated by the student (e.g., lab or other experiment). (Approval required) *(M. Abel, J. Carpenter, C. Myers)*

ECON 0702 Senior Research Workshop II (Spring 2021)

In this second semester of the senior research workshop sequence, the focus is on the execution of the research plan developed in ECON 0701. Most instruction is now one-on-one but the workshop will still meet as a group to discuss and practice the presentation of results in various formats (seminars, poster sessions, et cetera) to the rest of the workshop and others in the college and broader communities. Feedback and critiques from such presentations will be incorporated into the project, which will culminate in a research paper in the style of an economics journal article. (ECON 0701; Approval required) *(J. Maluccio, E. Wolcott)*

↑ Top

Program in Education Studies

The study of Education necessitates an understanding of the reasons for the deep inequities that characterize education in the USA and other countries of the world. Through the investigation of educational theory, policy, research and practice from a variety of disciplinary perspectives students learn to think critically and creatively about the processes of teaching and learning and about the place of education in society. Effective fall 2017, Education Studies offers a double-major for those students who seek teacher licensure in either elementary (EDEL) or secondary (EDSL) education and a minor in general education (EDGW) for those who are interested in the field of education, but who do not seek teacher licensure. [Students may not choose to major in Education Studies as a stand-alone major. The double major option is available only to those students seeking teacher licensure.] Students who matriculated to Middlebury prior to fall 2017 should speak to the Program Director about maintaining their current program of study.

Requirements for the Double Major in Teacher Licensure
Students interested in earning a Vermont teaching license should meet with the Director of the Education Studies Program as soon as possible in their course of study. The four, state-required elements that must be satisfactorily completed in order to be recommended for Vermont initial educator licensure are: (i) Relevant coursework that satisfies the content requirements of the endorsement, (ii) Professional Semester, (iii) Vermont Licensure Portfolio, and (iv) state required examinations such as Praxis. The specific requirements for elementary and secondary teacher licensure are as follows:

Elementary Licensure (EDEL)
Required for major, Elementary Licensure: A major in another discipline. EDST 0115A (Education in the USA), EDST 0215 (Culturally Responsive Pedagogy), EDST 0300 (Models of Inclusive Education), EDST 0305 (Elementary Literacy and Social Studies Methods), EDST 0306 (Elementary Science Methods), EDST 0307 (Elementary Math Methods), EDST 0317 (Children and the Arts) or approved art internship, Professional Semester (see below). PSYC 0225 (Child Development), PSYC 0327 (Educational Psychology).

- Elementary licensure students must complete *both* the SCI and DED Distribution Requirements.

Secondary Licensure (EDSL)
Required for major, Secondary Licensure: A major in the endorsement area. EDST 0115A (Education in the USA), EDST 0215 (Culturally Responsive Pedagogy), EDST 0300 (Models of Inclusive Education), EDST 0327 (Field Experience in Secondary and Special Education); EDST 0505 (Independent Study Secondary Methods taken twice with different placements) and the Professional Semester (see below). PSYC 0216 (Adolescence); PSYC 0327(Educational Psychology).

- Middlebury College is authorized to recommend licensure in the following subject areas for secondary education (7-12): Modern and Classical Languages: French, German, Russian, Spanish; Computer Science; English; Mathematics; Science; Social Studies. Art (preK-12).

- In order for secondary licensure candidates to be recommended for licensure they must meet Vermont content endorsement requirements. Generally, this means that students should select their second major in the content area they wish to teach.

Professional Semester
(Fall semester only; by application and approval): Students who elect to pursue licensure either in Elementary (K-6) or Secondary (7-12) education must apply to the Education Studies program for acceptance into the Professional Semester. The Professional Semester is a four credit, full-time, student teaching experience in a local school, with a master teacher, and under the supervision of a college designated supervisor. Upon acceptance to the Professional Semester, students complete EDST 0410 (the student teaching seminar) and either EDST 0405-7 (elementary) or EDST 0415-17(secondary). Education Studies faculty, in consultation with the student and prospective master teacher, make the final decision regarding where and with whom a student is placed for the Professional Semester. Students may elect to complete the Professional Semester in either their senior year or in a ninth semester with the degree awarded following completion.

Requirements for the minor in Education Studies (EDGW)
Students interested in completing a minor in Education Studies should meet with a professor in the Education Studies Program to organize a thoughtful course of study. The Education Studies minor consists of five courses two of which are required and three of which are selected at the discretion of the student under consultation with an EDST faculty advisor. There is no option for a major in general Education Studies.

1. Required (2 courses):

- EDST 0115 (Education in the USA) Prerequisite for all EDST courses.
- EDST 0430 (Senior Seminar in Education Studies).

Students must complete three of the 5 required courses prior to enrolling in the Senior Seminar. Required for all students who matriculate fall 2017 and after.

1. Electives (3 courses):

- Any three other EDST courses (see course listing).
- One of the following three PSYC courses may count towards the minor: PYSC 0216 (Adolescence), PSYC 0225 (Child Development), PSYC 0327 (Educational Psychology).
- One of the following three SOCI courses may count towards the minor: SOCI 0215 (Sociology of Education), SOCI 0351 (Education and Social Policy), SOCI 0430 (Higher Education and Society).

Students may seek to include a course that is not listed above, a course to be taken abroad or a Winter Term internship as one of the five courses. In each instance, students must secure prior approval from Education Studies faculty for such a course to fulfill the requirements for the minor.

EDST 0115 Education in the USA (Fall 2020, Spring 2021)

What are schools for? What makes education in a democracy unique? What counts as evidence of that uniqueness? What roles do schools play in educating citizens in a democracy for a democracy? In this course, we will engage these questions while investigating education as a social, cultural, political, and economic process. We will develop new understandings of current policy disputes regarding a broad range or educational issues by examining the familiar through different ideological and disciplinary lenses. 3 hrs. lect./1 hr. disc. **AMR**, **NOR**, **SOC** *(Fall 2020: T. Affolter, M. Hammerle)*

Cross-listed as: BLST 0115

EDST 0210 Sophomore Seminar in the Liberal Arts (Fall 2020, Spring 2021)

This course is designed for sophomores who are interested in exploring the meaning and the purpose of a liberal arts education. To frame this investigation, we will use the question "What is the good life and how shall I live it?" Through an interdisciplinary and multicultural array of readings and films we will engage our course question through intellectual discussion, written reflection, and personal practice. There will be significant opportunities for public speaking and oral presentation, as well as regular writing assignments, including a formal poster presentation. Readings will include reflections on a liberal arts education in the U.S. (Emerson, Brann, Nussbaum, Oakeshott, Ladsen-Billings, bell hooks); on "the good life" (excerpts from Aristotle, sacred texts of different traditions); on social science analyses of contemporary life; texts on the neuroscience of happiness; as well as literary and cinematic representations of lives well-lived. **CMP** (Fall 2020), **CW** (Fall 2020) *(Fall 2020: D. Evans)*

Cross-listed as: INTD 0210 *

EDST 0215 Culturally Responsive Policy and Pedagogy (Fall 2020)

Building on the work of Gloria Ladson-Billings' culturally relevant pedagogy, Django Paris developed a theory of culturally sustaining pedagogy that "seeks to perpetuate and foster—to sustain linguistic, literate, and cultural pluralism," for students in schools (Paris, 2012). In this course we examine how teachers might sustain and support students in classrooms and how educational policy might better address and respond to the rich diversity in our schools and communities. This is a required course for all students seeking a Vermont teaching licensure. (EDST 0115) 3 hrs. lect. **AMR**, **CMP**, **NOR**, **SOC** *(T. Affolter)*

EDST 0300 Models of Inclusive Education (Spring 2021)

In this course we will focus on strategies and techniques for including students with diverse learning styles in general education environments. Legal, theoretical, philosophical, and programmatic changes leading toward inclusive models of education will be approached through a historical overview of special education for students with disabilities. Additionally, the course works to expand notions of inclusion such that students' multiple identities are incorporated into all learning. Emphasis is given to the active learning models and differentiated curriculum and instruction to accommodate a range of learners with diverse disabilities, abilities, and identities. (EDST 0115 or SOAN 0215 or SOCI 0215 or AMST 0105). **AMR**, **NOR**, **SOC**

Cross-listed as: BLST 0300

EDST 0305 Reading & Writing the World: Teaching Literacy and Social Studies in the Elementary School (Fall 2020)

In this course, we examine what it means to be literate in the 21st century and ways in which all students can be empowered by the texts and teaching they encounter in schools. Students will develop their ability to enact literacy instruction based on current research about how children learn to read and write. We will take a critical look at texts—fiction, nonfiction, and historical—to consider the ways that texts read and write the world, develop abilities to select texts that empower all learners, and analyze retellings of historical events/persons to take into account multiple perspectives. Many class sessions occur onsite at a local elementary school to provide consistent practice and supportive feedback on authentic components of teaching (transportation provided). In addition to class sessions, students will complete field experiences in a K-6 classroom in the Middlebury area to see the workings of an entire class. 3 hrs. lect./1 hr. disc. *(C. Johnston)*

EDST 0307 Elementary Math Methods (Spring 2021)

In this course we will approach mathematics as the construction of ideas rather than the memorization of facts and rules. We will investigate children’s mathematical reasoning, how to construct learning experiences to advance conceptual development, and how a social justice stance enables math to be a source of empowerment for children. Many class sessions occur at a local elementary school (transportation provided) so students can ground their thinking about course topics within a school, and consistently practice and receive feedback on authentic components of teaching. Students will also complete field experiences in a local K-6 classroom and Vermont licensure requirements. (EDST 0306) 3 hrs. lect./1 hrs. disc

EDST 0351 Education and Social Policy (Fall 2020)

School choice programs like charter and magnet schools are dramatically altering the educational landscape in the United States. In this course we will examine the premise that we can overcome the challenges of children living in poor neighborhoods by severing the traditional link between neighborhoods and schools and by providing access to extralocal high-quality schools. But who gets to exercise such choice? Does school choice result in better educational outcomes? We will also explore the relationship between school and neighborhood inequality. How do these two contexts work together to reproduce, intensify, or ameliorate spatial and educational inequities? (formerly SOAN/SOCI 0351) 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(T. Tran)*

Cross-listed as: ANTH 0351

EDST 0405 Student Teaching in the Elementary School (Fall 2020)

A semester-long practicum in a local elementary school under the direct supervision of an experienced cooperating teacher. (Corequisite: EDST 0410) (Approval required) **non-standard grade** *(C. Canavan)*

EDST 0406 Student Teaching in Elementary School (Fall 2020)

See EDST 0405. (Approval required) **non-standard grade** *(C. Canavan)*

EDST 0407 Student Teaching in the Elementary School (Fall 2020)

See EDST 0405. (Approval required) **non-standard grade** *(C. Canavan)*

EDST 0410 Student Teaching Seminar (Fall 2020)

Concurrent with student teaching, this course is designed to provide guidance in curriculum development and its implementation in the classroom, and to explore issues related to the teaching process and the profession. Students will construct a Teaching Licensure Portfolio as well as exchange ideas about their student teaching experiences. Topics including technology, classroom management, special education, and assessment will be featured. The Vermont Framework of Standards and Learning Opportunities, the five Standards for Vermont Educators, the Principles for Vermont Educators, and ROPA-R will guide the development of the Teacher Licensure Portfolio. (Corequisite: EDST 0405, EDST 0406, EDST 0407 or EDST 0415, EDST 0416 EDST 0417) (Approval required) 3 hrs. lect. **CW** *(C. Johnston)*

EDST 0415 Student Teaching in the Middle School/High School (Fall 2020)

A semester-long practicum in a local middle or high school under the direct supervision of an experienced cooperating teacher. (Corequisite: EDST 0410) (Approval required) **non-standard grade** *(J. Miller-Lane)*

EDST 0416 Student Teaching in the Middle School/High School (Fall 2020)

See EDST 0415. (Approval required) **non-standard grade** *(J. Miller-Lane)*

EDST 0417 Student Teaching in the Middle School/High School (Fall 2020)

See EDST 0415. (Approval required) **non-standard grade** *(J. Miller-Lane)*

EDST 0430 Senior Seminar in Education Studies (Fall 2020, Spring 2021)

In this capstone seminar for General Education minors, students will engage, analyze, and offer solutions to real world problems in the current landscape of education. We will read extensively in the field, consider multiple research methods and approaches, and enlist community experts. Working across disciplines and collaboratively, students will create final projects that integrate and apply what they have learned in their coursework, developing and enhancing skills for creative problem solving and leadership in the field. Final projects will vary; all students will make oral presentations. (three of five required courses for the general EDST minor.) 3 hrs. Sem. **CW** (Fall 2020: 5 seats), **SOC** (Fall 2020) *(Fall 2020: M. Hammerle)*

EDST 0500 Independent Project (Fall 2020, Spring 2021)

(Approval Required)

EDST 0505 Independent Study - Secondary Methods (Fall 2020, Spring 2021)

This course is for students who are pursuing a VT teaching license in a Secondary content area. Students are required to commit to a school placement under the guidance and supervision of a certified, secondary VT teacher. The content of the course will be developed collaboratively by the EDST professor overseeing the independent student, the VT secondary teacher who is overseeing the school placement, and the student. Regular meetings involving all three will take place throughout the semester. The exact meeting schedule will be determined on a case by case basis. Students will complete assignments that address the requirements of the VT Educator Portfolio. (EDST0115, EDST0215 and relevant courses in Psychology). By Approval only. Interested students must meet with the Director of Education Studies. *(Fall 2020: J. Miller-Lane; Spring 2021: C. Johnston, J. Miller-Lane)*

↑ Top

Department of English & American Literatures

Requirements for the Major (for students declaring Fall 2020 and after): Students majoring in English and American Literatures may choose the **Literature Track** or the **Creative Writing Track**.

ENAM Literature Track: Students who choose the Literature Track will take a total of 11 classes in the ENAM department (transfer credits from other institutions must be approved), as follows:

- ENAM 103 or CMLT 101
- ENAM 205
- Eight Electives:
    - *at least* TWO of which must be courses carrying the **REC** (Race, Empire, and Colonialism) tag. Courses fulfilling the REC requirement engage students in the study of black diasporic and African American, Asian diasporic and Asian American, Latinx, indigenous and Native American, and postcolonial literatures.
    - *at least* TWO of which must be courses carrying the **Pre-1800** tag. Courses fulfilling the Pre-1800 requirement include courses in Medieval, Early Modern, and 18th-century literature. Only one Pre-1800 course may be a course on Shakespeare.
    - ONE of which *may* be a Creative Writing workshop
- One Advanced Seminar (all 400-level ENAM courses are Advanced Seminars)
- Optional Senior Thesis (required for students seeking to graduate with Honors, and strongly recommended for those students interested in graduate work in English or related fields)

These requirements are intended to offer students broad and historically grounded training in the discipline as well as a range of different pathways through the major. Students should confer closely with their advisers concerning their choices of electives.

ENAM Creative Writing Track: Students who choose the Creative Writing Track will take a total of 11 classes, as follows:

- ENAM 103 or CMLT101
- ENAM 205
- Three CRWR Writing Workshops, at least ONE of which must be at the 300 level
- Five Electives:
    - *at least* ONE of which must be a course carrying the **REC** (Race, Empire, and Colonialism) tag. Courses fulfilling the REC requirement engage students in the study of black diasporic and African American, Asian diasporic and Asian American, Latinx, indigenous and Native American, and postcolonial literatures.
    - *at least* ONE of which must be a course carrying the **Pre-1800** tag. Courses fulfilling the Pre-1800 requirement include courses in Medieval, Early Modern, and 18th-century literature.
- Advanced Seminar (all 400-level ENAM courses are Advanced Seminars)
- Optional Senior Thesis (required for students seeking to graduate with Honors, and strongly recommended for those students interested in pursuing graduate work in writing-

intensive fields)

Requirements for the Joint Major, Literature Track: A joint major in English and American Literatures with a Literature focus requires a minimum of **eight** ENAM courses, including three required courses: 1) ENAM 0103 or CMLT 0101; 2) ENAM 0205; 3) a joint thesis or other project that integrates both parts of the joint major. In addition, students will choose at least **five** electives from the available offerings, making sure that these courses satisfy the following requirements (one elective may be a CRWR course):

- One ENAM course bearing the REC tag (see major requirements for description)
- One ENAM course bearing the Pre-1800 tag (see major requirements for description)
- Advanced Seminar (400-level ENAM course)

Requirements for the Joint Major, Creative Writing Track: A joint major in English and American Literatures with a Creative Writing focus requires a minimum of **nine** courses, including 1) ENAM103 or CMLT101; 2) ENAM 205; 3) a 100-level CRWR course; 4) two 300-level CRWR courses; 5) an ENAM course bearing the REC tag; 6) an ENAM course bearing the Pre-1800 tag; 7) a 400-level ENAM Advanced Seminar; and 8) a Senior Thesis or Independent Project that integrates both parts of the joint major.

*Students wishing to undertake a joint major in ENAM (either track) and Theatre should be advised that senior work will normally consist of two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes be taken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing.

*Students wishing to undertake a joint major (either track) in ENAM and Film and Media Culture (FMMC) should follow the joint major requirements listed above. Such students may also wish to take FMMC electives such as FMMC 0257 – Storytelling in Film and Media and FMMC 0279 – Film and Literature. Students on the Creative Track wishing to write a screenplay for their joint thesis must take specifically FMMC/CRWR 0106 – Writing for the Screen and FMMC/CRWR 0341 – Writing for the Screen II—prior to beginning the thesis.

*Students writing a joint thesis (either track) with HIST or HARC should register for HIST 0700 and 0711 or HARC 0710 and 0711.

Requirements for the Minor, Literature Track: Students minoring in English and American Literatures with a Literature focus will take a minimum of six courses, including 1) ENAM 0103 or CMLT 010; 2) ENAM 205; 3) one ENAM elective bearing the REC tag; 4) one ENAM elective bearing the Pre-1800 tag; 5) one 400-level Advanced Seminar; and 6) one additional elective, which may be a CRWR course. A single course may fulfill more than one distribution requirement.

Requirements for the Minor, Creative Writing Track: Students minoring in English and American Literatures with a Creative Writing focus will take a minimum of six courses, including 1) ENAM 101 or CMLT101; 2) ENAM205; 3) one CRWR 100-level course; 4) one

CRWR 300-level course; 5) one 400-level Advanced Seminar; and 6) one additional elective, which may be ENAM or CRWR.

Senior Program: The ENAM senior program consists of an optional one-semester creative or critical Honors Thesis of 30-35 pages in length (ENAM 0700, CRWR 0701). CRWR 0701 requires the prior completion of one 0100-level CRWR workshop and two 0300-level CRWR workshops and a grade of at least B+ in both 0300-level courses before undertaking a thesis. All students will participate in an oral defense of their work with the adviser and second reader of the project. Students are encouraged to complete their Advanced Seminar requirement before embarking on their senior work. Students must have a minimum 3.5 GPA in ENAM courses to be eligible to write an Honors Thesis.

Honors: Departmental honors will be awarded to those students who achieve a departmental GPA of 3.85 and who complete a Honors Thesis (ENAM 0700 or CRWR 0701) in the fall or spring of the senior year. (See the ENAM website for more information on the Honors Thesis guidelines.) Departmental GPA is calculated by counting all ENAM courses and other courses used to fill requirements for the major (including those taken abroad or at other institutions), and the Honors Thesis grade. The Honors Thesis will be weighted 20% more than other ENAM course grades in the overall GPA calculation for honors. Joint majors are eligible to receive ENAM honors, calculated by counting all ENAM courses

Requirements for students who declared prior to Fall 2020

Requirements for the Major: Students majoring in English and American Literatures will take a total of 11 classes in the ENAM department (transfer credits from other institutions must be approved). Of these, two are required classes: 1) ENAM 0103 or CMLT 0101 and 2) ENAM 0205. Students will then choose nine electives from the available course offerings, making sure that these courses satisfy the following distribution requirements**.** A single course may fulfill more than one distribution requirement.

- at least **three** will be devoted to literature (English, British, and/or American) before 1800, and only one of the three used to meet this requirement may be a Shakespeare course. These courses will bear the (*Pre-1800)* designation.
- At least **one** will be an advanced seminar. All 04XX courses in ENAM are advanced seminars.
- at least **one** will be devoted to American Literature before 1900. These courses will bear the (*Pre-1900 AL)* designation.
- at least **one** will expose students to cultural diversity in Literatures in English. Such courses are centrally concerned with material and approaches attending to differences in race, ethnicity, class, gender, and/or sexuality. These courses will bear the departmental (*Diversity)* designation.

These requirements are intended to offer students broad and historically grounded training in the discipline as well as a range of different pathways through the major. Students should confer closely with their advisers concerning their choices of electives.
Creative writing classes do not fulfill ENAM major requirements. LITS 0705, Senior Colloquium in Literary Studies, may be used to fulfill the advanced seminar requirement in ENAM. Students should plan to complete an advanced seminar prior to beginning a critical honors thesis project.
Students wishing to pursue a CRWR 0701 honors thesis will first need to complete one introductory (0100-level) CRWR workshop and two advanced (0300-level) workshops with a grade of at least B+ prior to beginning the thesis.

Requirements for the Joint Major: A joint major in English and American Literatures requires a minimum of eight ENAM courses, including three required courses: 1) ENAM 0103 or CMLT 0101; 2) ENAM 0205; 3) a joint thesis or other project that integrates both parts of the major. In addition, students will choose at least five electives from the available offerings, making sure that these courses satisfy the following distribution requirements. A single course may fulfill more than one distribution requirement:

- At least **one** course will be devoted to literature (English, British, and/or American) before 1800. These courses will bear the *(Pre-1800)* designation.
- At least **one** will be an advanced seminar. All ENAM 04XX classes are Advanced Seminars.
- At least **one** will be devoted to American Literature before 1900. These courses will bear the (*Pre-1900 AL)* designation.
- At least **one** will expose students to cultural diversity in Literatures in English. Such courses are centrally concerned with material and approaches attending to differences in race, ethnicity, class, gender, and/or sexuality. These courses will bear the departmental *(Diversity)* designation.

*Students wishing to undertake a joint major in ENAM and Theatre should be advised that senior work will normally consist of two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes be taken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing.

Students wishing to undertake a joint major in ENAM and Film and Media Culture (FMMC) should follow the joint major requirements listed above. Such students may also wish to take FMMC electives such as FMMC 0257 – Storytelling in Film and Media and FMMC 0279 – Film and Literature. Students wishing to write a joint creative senior thesis must also take 3 CRWR workshops, and those wishing to write a screenplay for their joint thesis must take specifically FMMC/CRWR 0106 – Writing for the Screen and FMMC/CRWR 0341 – Writing for the Screen II—prior to beginning the thesis.

Students writing a joint thesis with HIST or HARC should register for HIST 0700 and 0711 or HARC 0710 and 0711, and attend the required thesis workshops is both departments.

Requirements for the Minor: Students minoring in English and American Literatures will take a minimum of six courses, including ENAM 0103 or CMLT 0101 and five electives, chosen carefully to satisfy the following distribution requirements. A single course may fulfill more than one distribution requirement:

- At least **one** course will be devoted to literature (English, British, and/or American) before 1800. These courses will bear the *(Pre-1800)* designation.
- At least **one** will be an advanced seminar. All ENAM 04XX classes are Advanced Seminars.
- At least **one** will be devoted to American Literature before 1900. These classes will bear the *(Pre-1900 AL)* designation.
- At least **one** will expose students to cultural diversity in Literatures in English. Such courses are centrally concerned with material and approaches attending to differences in race, ethnicity, class, gender, and/or sexuality. These courses will bear the departmental *(Diversity)* designation.

Senior Program: The ENAM senior program consists of an optional one-semester creative or critical Honors Thesis of 30-35 pages in length (ENAM 0700, CRWR 0701). CRWR 0701 requires the prior completion of one 0100-level CRWR workshop and two 0300-level CRWR workshops and a grade of at least B+ in both 0300-level courses before undertaking a thesis. Students writing a critical thesis must enroll concurrently in the thesis workshop (ENAM 0710 or CRWR 0711). All students will participate in an oral defense of their work with the adviser and second reader of the project. Students are encouraged to complete their Advanced Seminar requirement before embarking on their senior work. Students must have a minimum 3.5 GPA in ENAM courses to be eligible to write an Honors Thesis. (Applicable to new majors only; those declaring an ENAM major prior to January 2019 may choose to write a thesis even if their departmental GPA is below 3.5.)

Honors: Departmental honors will be awarded to those students who achieve a departmental GPA of 3.85 and who complete a Honors Thesis (ENAM 0700 or CRWR 0701) in the fall or spring of the senior year. (See the ENAM website for more information on the Honors Thesis guidelines.) Departmental GPA is calculated by counting all ENAM courses and other courses used to fill requirements for the major (including those taken abroad or at other institutions), and the Honors Thesis grade. The Honors Thesis will be weighted 20% more than other ENAM course grades in the overall GPA calculation for honors. Joint majors are eligible to receive ENAM honors, calculated by counting all ENAM courses and the joint thesis.

Courses for Non-Majors: The Department of English and American Literatures offers a wide variety of courses in literature that are open without prerequisite to all students in the college. These include most 0100 and 0200-level courses and some 0300-level courses. The ENAM 0103/CMLT 0101, ENAM 0201/0204 sequence is intended for declared or potential majors and minors. The 0100 or 0200 level courses are recommended for students, primarily in their first or second years, with interests in comparative, thematic, and theoretical approaches to literature. They are especially suitable for meeting the colleges Literature (LIT) distribution requirement.

CRWR 0106 Writing for the Screen I (Fall 2020)

In this course we will examine the fundamental elements of dramatic narrative as they relate to visual storytelling. We will emphasize the process of generating original story material and learning the craft of screenwriting, including topics such as story, outline, scene structure, subtext, character objectives, formatting standards, and narrative strategies. Weekly writing assignments will emphasize visual storytelling techniques, tone and atmosphere, character relationships, and dialogue. Students will be required to complete two short screenplays. Required readings will inform and accompany close study of selected screenplays and films. (FMMC 0101 OR CRWR 0170 or approval of instructor) (Formerly FMMC/ENAM 0106) 3 hrs. sem. **ART** *(I. Uricaru)*

Cross-listed as: FMMC 0106 *

CRWR 0170 Writing: Poetry, Fiction, NonFiction (Fall 2020, Spring 2021)

An introduction to the writing of poetry, short fiction, and nonfiction through analysis of writings by modern and contemporary poets and prose writers and regular discussion of student writing. Different instructors may choose to emphasize one literary form or another in a given semester. Workshops will focus on composition and revision, with particular attention to the basics of form and craft. This course is a prerequisite to CRWR 0380, CRWR 0385, CRWR 0370, and CRWR 0375. (This course is not a college writing course.) (Formerly ENAM 0170) 3 hrs. sem. **ART** *(Fall 2020: M. Mayhew-Bergman)*

CRWR 0173 Environmental Literature: Reading & Writing Workshop (Fall 2020, Spring 2021)

This course is an introduction to the reading and writing of environmental literature. We will analyze classic and contemporary model works in prose and poetry, in nonfiction and fiction, all directed at human interaction with the natural world. Our writing assignments will explore this theme in personal essays, poems, literary reportage, poetry, and fiction. Workshops will focus on inspiration, form, craft, and thematic issues associated with the environment. This course is a prerequisite to CRWR 0370, CRWR 0375, CRWR 0380, and CRWR 0385. **ART**, **LIT** *(Fall 2020: S. Ulmer)*

CRWR 0175 The Structure of Poetry (Fall 2020)

This course is a workshop for beginning students in the field of creative writing. Students will read a selection of poems each week and write their own poems, producing a portfolio of their work at the end of the term. There will be an emphasis on revision. Students will be introduced to a range of forms as well, including prose poems, epistles, the tanka, the long poem, and the sonnet. **ART** *(K. Gottshall)*

CRWR 0218 Playwriting I: Beginning (Fall 2020)

The purpose of the course is to gain a theoretical and practical understanding of writing for the stage. Students will read, watch, and analyze published plays, as well as work by their peers, but the focus throughout will remain on the writing and development of original work. (Formerly THEA/ENAM 0218) **ART**, **CW** *(D. Yeaton)*

Cross-listed as: THEA 0218 *

CRWR 0341 Writing for the Screen II (Spring 2021)

Building on the skills acquired in Writing for the Screen I, students will complete the first drafts of their feature-length screenplay. Class discussion will focus on feature screenplay structure and theme development using feature films and screenplays. Each participant in the class will practice pitching, writing coverage, and outlining, culminating in a draft of a feature length script. (FMMC 0106) 3 hrs. sem/3 hrs. screen. **ART**

Cross-listed as: FMMC 0341 *

CRWR 0370 Advanced Fiction: Reading and Writing Short Novels (Fall 2020)

Ian MacEwan once said that very few novels earn their length. In this course we will read short works by Roberto Bolaño, Shirley Jackson, Toni Morrison, Renata Adler, Justin Torres, and Denis Johnson to explore the power of short novels and take a close look at prose, style, and economic character development. We will examine the constraints of space, and the freedom to experiment with form. Students will generate and workshop the beginnings of their own novellas, and class discussion will be based on our reading and creative work. 3 hrs. sem. (ENAM/CRWR 0170, ENAM/CRWR 0175, or ENAM/CRWR 0185) (Formerly ENAM 0370) (This course is not a college writing course) 3 hrs. sem. **ART**, **LIT** *(R. Cohen)*

CRWR 0375 Advanced Poetry Workshop: The Walk of a Poem (Fall 2020, Spring 2021)

As Lyn Hejinian writes, “Language makes tracks.” Poets from Chaucer to Whitman to O’Hara have used walking as a poetic method, thematic subject, narrative device, and pedestrian act. The walk is literal and imaginary, metrical and meandering; it traverses urban grids and bucolic landscapes, junctions of space, time, and lexis. In this workshop we will read the topographies of poems, focusing on lyrical cities from Paris to Harlem, Thoreauvian ambles through woods and field, and other literary wanderings and linguistic itinerancies, in order to examine how language gets made and mirrored in the act of moving through place. Students will also set out on walks through the local landscape as they produce their own work. Students will address crucial questions and challenges focused on the craft of poetry through rigorous readings, in-class writing exercises, critical discussions, collaborations, and the development of a portfolio of writing, including drafts and revisions. By the end of the course, students will have engaged deeply with the practice of poetry, established a writing discipline, honed their skills, generated new work, explored by foot, and extended their sense of the possibilities of a poem. (Approval required; please apply online at http://www.middlebury.edu/academics/enam/resources/forms) **ART** *(Fall 2020: J. Parini)*

CRWR 0380 Advanced Nonfiction Workshop: Reading and Writing Memory and Landscape (Fall 2020, Spring 2021)

The human animal is shaped by place and memory of place. How can a writer best create what Nabokov called "bright blocks of perception" and evoke the power of formative landscapes? We will move between memoir, narrative non-fiction, and autobiographical fiction, reading Virginia Woolf, Nabokov, Jesmyn Ward, and Mary Oliver. We will contemplate the way memory works with Oliver Sacks and Robin Kimmerer. Students will generate critical and creative work based on their own experiences and adventures, with room for interdisciplinary/multi-genre output. (CRWR 0170) (formerly ENAM 0380) 3 hrs. sem. **ART**, **LIT** *(Fall 2020: S. Ulmer)*

CRWR 0560 Special Project: Creative Writing (Fall 2020, Spring 2021)

Approval Required. *(Fall 2020: D. Evans, D. Price, C. Shaw, J. Berg, J. Bertolini, D. Brayton, K. Kramer, M. Newbury, E. Napier, T. Billings, A. Baldridge, J. Parini, Y. Siddiqi, S. Ulmer, R. Cohen, M. Wells, C. Wright, K. Gottshall, A. Losano, D. Bain, B. Graves, B. Millier, W. Nash; Spring 2021: D. Evans, D. Price, K. Kramer, J. Berg, J. Bertolini, D. Brayton, M. Newbury, E. Napier, B. Graves, A. Baldridge, J. Parini, Y. Siddiqi, S. Ulmer, W. Nash, R. Cohen, M. Wells, C. Wright, C. Cooper, K. Gottshall, A. Losano, T. Billings, D. Bain, B. Millier, P. Lourie)*

CRWR 0701 Senior Thesis: Creative Writing (Fall 2020, Spring 2021)

Discussions, workshops, tutorials for those undertaking one-term projects in the writing of fiction, poetry, or creative nonfiction.

ENAM 0103 Reading Literature (Fall 2020, Spring 2021)

Fall 2020

Sections A, C

Reading Literature

This course seeks to develop skills for the close reading of literature through discussion of and writing about selected poems, plays, and short stories from a wide range of eras and nations. A basic vocabulary of literary terms and an introductory palette of critical methods will also be covered; the course's ultimate goal will be to enable students to attain the literary-critical sensibility vital to further course work in the major. At the instructor's discretion, the texts employed in this class may share a particular thematic concern or historical kinship. 3 hrs. sem. **CW**, **LIT** *(A. Losano, D. Brayton)*

Section B

Toward a Poetics of Community

Why read literature? One answer: such reading is not individual but communal. It links readers to each other in aesthetic experience, in ethical and hermeneutic debate, and in appreciation for writers and fellow readers. As we read literary texts from different times, cultures, and genres, we will examine how they anticipate, create, or recreate readerly communities, and how these communities in turn help shape the texts as they are experienced. We will also strive to form our own readerly community—one that is as inclusive and as intellectually generous as possible. We will begin with close analysis of poetry in various forms from various historical periods. We will then read dramas by William Shakespeare, Margaret Edson, and Wole Soyinka, and conclude with two novels—Howard’s End by E.M. Forster, and On Beauty by Zadie Smith. 3 hrs. sem. **CW**, **LIT** *(J. Berg)*

Spring 2021

Section A

Reading Literature: Border-Crossings

This course investigates the multitude of borders crossed in and by literature. Reading literary works by ethnic, diasporic, and Indigenous writers, we will consider the divisions between identities, cultures, histories, and geographies that these texts both illuminate and transgress. Themes we will explore include capitalism and class difference, racial violence, settler colonialism and U.S. empire, and queer diasporas. Just as importantly, we will analyze how these literatures span the borders of different genres and media, in the form of poetry, plays, short stories, and novels. Authors include: Claudia Rankine, Ocean Vuong, Toni Morrison, Jhumpa Lahiri, and Marie Clements. 3 hrs. sem. **CW**, **LIT**

Sections B, C

Reading Literature

This course seeks to develop skills for the close reading of literature through discussion of and writing about selected poems, plays, and short stories from a wide range of eras and nations. A basic vocabulary of literary terms and an introductory palette of critical methods will also be covered; the course's ultimate goal will be to enable students to attain the literary-critical sensibility vital to further course work in the major. At the instructor's discretion, the texts employed in this class may share a particular thematic concern or historical kinship. 3 hrs. sem. **CW**, **LIT**

ENAM 0107 The Experience of Tragedy (Spring 2021)

For over two millennia tragedy has raised ethical questions and represented conflicts between the divine and the mortal, nature and culture, household and polity, individual and society. What is tragedy? What led to its production and what impact did it have, in ancient times? Why was it reborn in Shakespeare's time? How has tragedy shaped, and been shaped by, gender, class, religion, and nationality? We will address these questions and explore how tragedy continues to influence our literary expectations and experience, as well as our political, social, and familial environment. We will study texts by such authors as Aeschylus, Sophocles, Euripides, Thucydides, Aristotle, Seneca, Shakespeare, Webster, Chikamatsu, Goethe, Nietzsche, O'Neill, Beckett, and Soyinka. (Pre-1800) 3 hrs. lect. **EUR**, **LIT**

Cross-listed as: CMLT 0107

ENAM 0114 Reading Women's Writing: Living a Feminist Life from Mary Wollstonecraft to Sara Ahmed (Fall 2020)

In this course we will investigate the tradition of women's writing in English from the sixteenth century to the present day, focusing on the complex relationships among writing, sexuality, race, and gender. We will consider the ways in which writers identifying as female respond to--and often subvert--traditional literary themes and conventions, looking critically as we do so at our own interpretive assumptions as readers. An organizing focus of our reading will be the articulation and/or suppression of female anger and other related emotions in a variety of repressive contexts. Though our focus will be primarily on the interpretation of literary works, we will also develop an awareness of relevant debates in feminist theory, from Mary Wollstonecraft's revolutionary contribution to notions of female education to Sara Ahmed's concept of the feminist "killjoy." Other texts may include: Jane Austen, *Mansfield Park*; Virginia Woolf, *Mrs Dalloway*; Toni Morrison, *Sula*; Tsitsi Dangarembga, *Nervous Conditions*; Brittney Cooper, *Eloquent Rage*; Carmen Maria Machado, *Her Body and Other Parties*; Kristen Roupenian, *You Know You Want This*, Rebecca Traister, *Good and Mad*: *The Revolutionary Power of Women's Anger*. 3 hrs. sem. **LIT** *(M. Wells)*

Cross-listed as: GSFS 0114

ENAM 0115 Multi-Ethnic American Literature (Fall 2020)

This course introduces ethnic American literature by investigating how cultural representations of "ethnic America" are formed in relation to its social, political, and material histories. We will begin by critically analyzing the nested issues of labour, legality, and immigration that have shaped Black, Asian, and Indigenous presence within North America. From there, we will move on to the themes of assimilation, multiculturalism, diaspora, and U.S. empire in order to track the trajectory of ethnic American literature in the late-20th and 21st centuries. Authors include: Frank Chin, Maxine Hong Kingston, Tomson Highway, Toni Morrison, and Viet Nguyen. 3 hrs. lect./disc. **AMR**, **CMP**, **LIT**, **NOR** *(J. Wang)*

ENAM 0123 Adventures in Literary Romance (Pre-1800) (Fall 2020)

In this course we will explore the literary genre of romance. Today, “romance” often refers to courtship—only one aspect of this ancient genre. Other aspects include adventure, magic, wonder, multiple plots, multiple authors, an affinity for sequels. Romance’s associations with every genre—tragedy, comedy, epic, novel, lyric poetry—and its reputation for escapism have made it an epitome of the very idea of literature, as conceived by attackers and defenders. Its welcoming of female readers and protagonists and its marketing of the exotic have raised issues of gender and ethnicity. We will discuss all such aspects and implications of romance, and we may also explore how romance has shaped modern television and film. No papers or exams; there will be quizzes *daily* on the reading, and students will be expected to participate thoughtfully in class discussions. Readings from texts such as: *Daphnis and Chloe*, *Ethiopian Romance*, The Gospel of Luke, *The Golden Ass*, Arthurian romances by various authors, *Orlando Inamorato*, *Orlando Furioso*, *The Countess of Pembroke’s Arcadia*, *The Merchant of Venice*, *The Winter’s Tale*, *Don Quixote*,/ Waverly/, *Madame Bovary*, *Lord of the Rings*, *The Chronicles of Narnia*, and *The Time Quintet*. 3 hrs. lect. **LIT** *(J. Berg)*

Cross-listed as: CMLT 0123

ENAM 0204 Foundations of English Literature (Pre-1800) (Spring 2021)

Students will study Chaucer's *Canterbury Tales* and Milton's *Paradise Lost*, as well as other foundational works of English literature that may include Shakespeare, non-Shakespearean Elizabethan drama, the poetry of Donne, and other 16th- and 17th-century poetry. 3 hrs. lect./disc. **EUR**, **LIT**

ENAM 0205 Introduction to Contemporary Literary Theory (Fall 2020, Spring 2021)

In this course we will introduce several major schools of contemporary literary theory. By reading theoretical texts in close conjunction with works of literature, we will illuminate the ways in which these theoretical stances can produce multiple interpretations of a given literary work. The approaches covered may include New Criticism, Psychoanalysis, Marxism and Cultural Criticism, Race Theory and Multicultural Criticism, Feminism, Post-Colonial Criticism, Queer Studies, Eco-Criticism, Post-Structuralism, and others. These theories will be applied to various works of fiction, poetry, and drama. The goal will be to make students critically aware of the fundamental literary, cultural, political, and moral assumptions underlying every act of interpretation they perform. 3 hrs. lect/disc. **EUR**, **LIT** *(Fall 2020: A. Losano)*

Cross-listed as: CMLT 0205

ENAM 0212 American Literature Since 1945 (AL) (Spring 2021)

In this course we will trace the development of the postmodern sensibility in American literature since the Second World War. We will read works in four genres: short fiction, novels, non-fiction (the "new journalism"), and poetry. Authors will include Saul Bellow, Joseph Heller, Ralph Ellison, Flannery O'Connor, Jack Kerouac, Vladimir Nabokov, Tom Wolfe, Joan Didion, Toni Morrison, and Don DeLillo. 3 hrs. lect./disc. **AMR**, **LIT**, **NOR**

ENAM 0227 Encounters With the Wild: Nature, Culture, Poetry (I) (Pre-1800) (Fall 2020)

Civilization is often defined against wilderness. The two ideas are not exclusive but mutually constitutive, for wilderness and the wild turn out to be central to notions of the civil and the civilized. Poets have long been preoccupied by the boundaries and connections between these ideas. The word "poetry" itself comes from a Greek word for "craft" or "shaping"; thus, poetry implies the shaping of natural elements into an artful whole. In this course we will examine the literary history of this ongoing dialectic by reading and discussing masterpieces of Western literature, from ancient epics to modern poetry and folklore. As we do so we will rethink the craft of poetry, and the role of the poet, in mapping the wild. Readings will include *Gilgamesh*, *The Odyssey*, sections of *The Bible* and Ovid's *Metamorphoses*, *Beowulf*, *Sir Gawain and the Green Knight*, *A Midsummer Night's Dream*, *The Tempest*, and poems by Wyatt, Marlowe, Jonson, Donne, Marvell, Pope, and Thompson. (This course counts toward the ENVS Literature focus and the ENVS Environmental Non-Fiction Focus) lect./disc. **CMP**, **EUR**, **LIT** *(D. Brayton)*

Cross-listed as: ENVS 0227

ENAM 0240 Captivity Narratives (II) (Pre-1900 AL) (Spring 2021)

Captivity narratives—first-person accounts of people's experiences of being forcibly taken and held against their will by an "other"—were immensely popular and important in early America; the captivity motif has been perpetuated and transformed throughout later American literature and film. In this course we will explore what these types of tales reveal about how Americans have handled the issues of race and racism, religion, gender, violence and sexuality that experiences of captivity entail. Beginning with classic Puritan narratives (Mary Rowlandson) and moving forward through the 19th and 20th centuries, we will consider the ways that novels (*The Last of the Mohicans*), autobiographies (Patty Hearst, Iraqi captivity of Pvt. Jessica Lynch) and films (*The Searchers*, *Little Big Man*, *Dances with Wolves*) do cultural work in shaping and challenging images of American national identity. 3 hrs. lect. (Diversity) **AMR**, **ART**, **LIT**, **NOR**

Cross-listed as: AMST 0240 *

ENAM 0244 Twentieth-Century English Novel (Spring 2021)

This course will explore the development of the novel in this century, with a primary focus on writers of the modernist period and later attention to more contemporary works. We will examine questions of formal experimentation, the development of character, uses of the narrator, and the problem of history, both personal and political, in a novelistic context. Readings will include novels by Conrad, Joyce, Forster, Woolf, and others. 3 hrs. lect./disc. **EUR**, **LIT**

ENAM 0248 Human Rights and World Literature (Spring 2021)

In this course we will explore the idiom of human rights in law, literature, and political culture. We will place literary representations of human rights violations (genocide, torture, detention and forced labor, environmental devastation, police violence) in dialogue with official human rights treaties and declarations in order to historicize and critique the assumptions of human rights discourse. Who qualifies as a “human” deserving of humanitarian intervention? How do human rights rehearse a colonial dynamic based on racial and geo-political privilege? To answer these questions we will turn to some of the most controversial voices in global fiction and poetry. 3 hrs. lect. (not open to students who have taken ENAM 0230)
(Diversity)/ **CMP**, **LIT**, **SOC**

ENAM 0263 American Psycho: Disease, Doctors, and Discontents (Pre-1900 AL) (Spring 2021)

What constitutes a pathological response to the pressures of modernity? How do pathological protagonists drive readers toward the precariousness of their own physical and mental health? The readings for this class center on the provisional nature of sanity and the challenges to bodily health in a world of modern commerce, media, and medical diagnoses. We will begin with 19th century texts and their engagement with seemingly "diseased" responses to urbanization, new forms of work, and new structures of the family and end with contemporary fictional psychopaths engaged in attacks on the world of images we inhabit in the present. Nineteenth century texts will likely include stories by Edgar Allan Poe, Nathaniel Hawthorne, Herman Melville, and Charlotte Perkins Gilman. Later 20th-century works will likely include Ken Kesey, *One Flew Over the Cuckoo's Nest*, Thomas Harris, *The Silence of the Lambs*, Susanna Kaysen, *Girl, Interrupted*, and Bret Easton Ellis, *American Psycho*. **AMR**, **LIT**, **NOR**

Cross-listed as: AMST 0263

ENAM 0268 Literature of Displacement: Forced Migration, Diaspora, Exile (Fall 2020)

In this course we will study postcolonial literature about migration, displacement, exile, and diaspora. Spurred variously by force, necessity and desire, migrants leave their homes and homelands with regret and with hope. Writers address the historical forces that propel these migrations: decolonization and neo-colonialism, globalization, warfare, dispossession, political violence, religious conflict, and environmental catastrophe. They experiment with narrative form and poetic language to explore the experiences of undocumented immigrant workers, exiles, refugees and well-to-do migrants. We will examine how displacement shapes constructions of identity, history, community and place in texts by writers such as Anzaldua, Ali, Darwish, Diome, Patel, Gomez Pena, Said, Rushdie, and others. (formerly ENAM 0462) 3 hrs. sem. *(Diversity)/* **AAL**, **CMP**, **CW** (4 seats), **LIT**, **SOA**, **SOC** *(Y. Siddiqi)*

Cross-listed as: GSFS 0268 ENAM 0462 *

ENAM 0286 Race, Dystopia, and Contemporary Fiction (Spring 2021)

What happens to race after the world ends? From environmental disasters to zombie invasions, the radical breakdown of human life haunts the cultural imaginary. A specific development within this cultural trend is the emergence of writers of colour who have turned to the dystopian and speculative genre. We will read such literary texts to consider representations of racial subjectivities, such as the lived experiences and perceptions of race, outside the conventions of realism. Themes that we will cover include: Afrofuturism, techno-Orientalism, zombies, cyborgs, and climate change. Authors include: Junot Diaz, Colson Whitehead, Chang-rae Lee, Octavia Butler, and Louise Erdrich. 3 hrs. lect/disc. **AMR**, **CMP**, **LIT**

ENAM 0304 The Graphic Novel (Fall 2020)

In this course we will study some of the most widely respected graphic novels produced in the last thirty years. Our purpose will be to understand how the form works and is structured by its dual, but sometimes competing, interests in the verbal and the visual, and to think about distinct styles of illustration. We will also think about how landmark examples have shaped the form. Working with software designed for the purpose, students will use photographs to produce short comics of their own. Possible texts include: Alan Moore, *Watchmen*; Art Spiegelman, *Maus*; Chris Ware, *Jimmy Corrigan*; Alison Bechdel, *Fun Home*. 3 hrs. lect. **AMR**, **LIT**, **NOR** *(M. Newbury)*

Cross-listed as: AMST 0304 *

ENAM 0316 Poetry and the Spiritual Tradition (Fall 2020)

In this course we will examine the long and intimate connection between poetry and spirituality, looking especially at the influence of Christian thinking on such English and American poets as John Donne, George Herbert, Gerard Manley Hopkins, and T.S. Eliot. The course will begin with a study of the King James Version of the Book of Psalms, which deeply affected later British and American poetry. We will also read early Taoist and Islamic poets, including Lao Tse and Rumi. The course will conclude with a look at the work of several contemporary poets: Charles Wright, Louis Glück, and Mary Oliver. **CMP**, **LIT**, **PHL** *(J. Parini)*

ENAM 0330 Shakespeare’s Career (Pre-1800) (Fall 2020)

In this course we will study the whole arc of William Shakespeare's literary career from the earliest histories, comedies, and non-dramatic poetry to the more mature tragedies and romances, with an eye to understanding Shakespeare’s development as a writer in his own time. How might the plays have resonated for his first audiences on stage, and how have subsequent readers drawn their own meanings from the published texts? Reading one play a week, we will pay close attention to such dramaturgical issues as Shakespeare’s construction of character and of plot, his adaptation of sources, and his modes of versification, as well as the ethical, political, and commercial implications of Shakespeare’s works during his lifetime, some of which stand in contrast with what we learn from them today. 3 hrs. lect./1 hr. disc./3 hrs. screen. **EUR**, **LIT** *(T. Billings)*

ENAM 0342 Literature of the American South (AL) (Fall 2020)

In William Faulkner's *Absolom, Absolom!* Canadian Shreve McCannon commands his roommate, Mississippian Quentin Compson, "Tell about the South. What's it like there. What do they do there. Why do they live there. Why do they live at all?" Our course will take on writers who want to "tell about the South" in the post-Civil War era and beyond, as they seek to help re-define and revitalize their region. We will focus our regional exploration on the "Southern Renascence," when writers and theorists like the Agrarians re-examined Southern history and reconsidered their role in relation to their regional community. Authors including William Faulkner, Zora Neale Hurston, Robert Penn Warren, Eudora Welty, and Tennessee Williams developed a new awareness of the restrictions of racial and gender roles, an interest in literary experimentation, and an increasingly realistic presentation of social conditions in the south. We will consider the legacy of these writers in later 20th century texts by authors such as Flannery O'Connor, Walker Percy, Alice Walker, Cormac McCarthy, Ernest Gaines, Randall Kenan and even relative newcomers such as Jackson Tippett McCrea. (Not open to students who have taken FYSE 1336) 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(D. Evans)*

Cross-listed as: AMST 0342 *

ENAM 0373 Postcolonial Literature and the City (Spring 2021)

In this course we will examine a number of novels from the 20th and 21st centuries that are about life in the city, taking a global and trans-national approach. We will explore formations of urban life alongside transformations in the novel as a genre. We will put these novels of city life in dialogue with critical theory—that is, theories of culture and society that have as their aim human emancipation (for example, Marxism, feminism, critical race studies, and postcolonial studies). The novels we read will reflect important literary movements such as realism, modernism, and postmodernism. (Not open to students who have taken ENAM 0447) *(Diversity)/* **CMP**, **LIT**, **SOC**

ENAM 0458 Merchants of Venice (Spring 2021)

In this class we will read Shakespeare's *The Merchant of Venice* from different perspectives, including those of race, religion, gender, staging, and form, engaging the play at the level of rhetorical analysis, textual history, character analysis, source analysis, stage and film history, and current performance. We will study contemporaneous dramas resembling *The Merchant of Venice* (e.g., *Three Ladies of London*, *Jew of Malta*, *Othello*). Throughout, we will consider the multiple attitudes towards Jewishness and Judaism implicit in the play, its performance history and its literary and cultural influence. Finally, we will study the literary legacy of *The Merchant of Venice*, from the early modern period up to our own times. The class should also give us an opportunity to enhance our skills in rhetorical analysis, writing, speaking, and research. 3 hrs. sem. **EUR**, **LIT**

Cross-listed as: JWST 0458

ENAM 0462 Literature of Displacement: Forced Migration, Diaspora, Exile (Spring 2021)

We will study contemporary postcolonial literature and theory about migration, displacement, exile, and diaspora. Spurred variously by force, necessity and desire, migrants leave their homes and homelands with regret and with hope. Writers address the historical forces that shape these migrations: decolonization and neo-colonialism, globalization, warfare, dispossession, political violence, religious conflict, and environmental catastrophe. These writers experiment with narrative form and poetic language to explore the experiences of undocumented immigrant workers, exiles, refugees and well-to-do migrants. We will examine constructions of identity, history, community and place in texts by Anzaldua, Ali, Darwish, Diome, Patel, Gomez Pena, Said, Rushdie, Spivak, and others. *(Diversity)/* **AAL**, **CMP**, **LIT**, **SOA**, **SOC**

Cross-listed as: GSFS 0268 ENAM 0268

ENAM 0466 Imagism and Ideogram: Modernism and the Chinese Character (Fall 2020)

T.S. Eliot called Ezra Pound “the inventor of Chinese poetry for our time” for his collaborative translations in *Cathay* (1915) which launched a craze for China and the “ideogram.” In 1919, Pound published Ernest Fenollosa’s *The Chinese Written Character as a Medium for Poetry*; Imagism’s co-founder Amy Lowell quickly followed with her own collaborative translations in *Fir-Flower Tablets* (1921); and in “The Cinematic Principle and the Ideogram” (1929) Sergei Eisenstein used the ideogram as a basis for montage theory. In this course we will explore recent scholarship on the “trans-Pacific” influence on Modernism with an emphasis on Tang poetry and the Japanese haiku. Readings will also include Wallace Stevens, William Carlos Williams, Marianne Moore, Witter Bynner, Florence Ayscough, Yone Noguchi, Apollinaire, Judith Gautier, Victor Segalen, Richard Wright, Gary Snyder, Li Bai, Du Fu, and Wang Wei, among others. 3 hrs. sem. **LIT** *(T. Billings)*

Cross-listed as: CMLT 0466

ENAM 0467 Dickinson and Bishop (Fall 2020)

In this course we will study, in significant depth, the lives and work of poets Emily Dickinson and Elizabeth Bishop. These authors are important and widely discussed; thus our topics will include a range of aesthetic, literary-historical, biographical, and political perspectives. And we will make use of a range of archival materials—journal entries, letters, drafts of poems—both published and unpublished. At the heart of our discussions, however, will be the poems these great writers produced. We will learn about ways to read and explicate poems, and about the use of archival materials in literary research and analysis. 3 hrs. sem. **LIT** *(B. Millier)*

ENAM 0471 Afro-Asian Encounters (Fall 2020)

Scholars have recently uncovered a rich history of black and Asian solidarity against racism. Yet the Los Angeles uprisings of 1992 provided a painful reminder of the antagonisms between black and Asian diasporic groups. This course will explore how Asian American and African American identities have historically been constructed in relation to one another. We will foreground key sites in the making and undermining of Afro-Asian intimacies, from the racial formation of coolie laborers to the cross-racial imagination of Kung-Fu and Hip Hop. Authors will include Richard Wright, Chang-Rae Lee, Vijay Prashad, Frank Chin, Das Racist, Mira Nair, and W.E.B. Dubois. *(Diversity)* 3 hrs. sem. **AAL**, **CMP**, **HIS**, **LIT**, **NOA** *(B. Graves)*

ENAM 0480 Animals, In Theory (Spring 2021)

Scholars in various disciplines have become increasingly interested in what has been termed "the question of the animal." Scholars in philosophy, literature, law, gender theory, critical race theory, art history, sociology and history (among others) have started to take seriously the animals around us, and the field we now call Animal Studies has grown rapidly. In this course we will study the cultural place of animals – animals as pets, in zoos, in images, in literature, in science, in spiritual traditions, as food, and as themselves. We will study the theoretical, historical, and philosophical foundations of this burgeoning interdisciplinary field, and we will also examine the ways in which literature influences and is influenced by the changing roles of animals in societies across time and place. Class sessions will be discussion based and students will undertake group work, a major research paper, and an individual presentation. 3 hrs. sem. **LIT**

Cross-listed as: ENVS 0480

ENAM 0500 Special Project: Literature (Fall 2020, Spring 2021)

Approval Required.

ENAM 0700 Senior Thesis: Critical Writing (Fall 2020, Spring 2021)

Individual guidance and seminar (discussions, workshops, tutorials) for those undertaking one-term projects in literary criticism or analysis. All critical thesis writers also take the Senior Thesis Workshop (ENAM 700Z) in either Fall or Spring Term.

ENAM 0708 Senior Work: Joint Majors in English & American Literatures and Theatre (Fall 2020, Spring 2021)

Approval required.

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Program in Environmental Studies

Environmental Studies Requirements

*Students matriculating **Fall 2018 or later** must follow these requirements. Students matriculated **prior to Fall 2018** have the option to follow these requirement or the [previous requirements].*

Minor in Environmental Studies: The minor in environmental studies consists of five courses: three environmental studies core courses to be completed by the end of the sixth semester: ANTH 0211 or ENVS 0112; ENVS or ENVS/PSCI 0211; and ENVS or ENVS/ENAM 0215; one course selected from among: ART 0309, DANC 0277, ECON 0265, ENAM 0227, ENVS 0209, ENVS 0210, ENVS 0385, ENVS 0395, GEOG 0207, HARC 0231, HIST 0222, PHIL 0356, PSCI 0214, PSYC 0233/0333; and one course from among: BIOL 0140, CHEM 0270, ENVS/GEOG 150, GEOL 0112, GEOL 0161, or GEOL 0323. Except for transfer students, the environmental studies core courses must be taken at Middlebury College. With the approval of the Environmental Studies program director, a maximum of one course taken off campus may be credited toward completion of other (e.g., non-core course) minor requirements.

Joint Majors: Environmental studies majors who focus in architecture, biology, chemistry, geology, geography, or sociology/anthropology automatically qualify as joint majors. Students may pursue a joint major between environmental studies and other majors. The other major usually overlaps the student's focus and represents additional coursework in the focus. Students interested in completing such a “non-automatic” joint major should consult with the chair of their focus department about joint majors. Due to the interdisciplinary nature of the environmental studies major, there is no reduction in course requirements for the environmental studies component of a joint major.

Major in Environmental Studies: The environmental studies major is composed of course work in four areas: four environmental studies **core courses**; 7-8 courses in a **focus area**; two environmental **cognate courses**; and an **integrative capstone experience**. Except for transfer students, the core courses and capstone experience must be Middlebury College courses, which for the purposes of the Environmental Studies major are defined as those offered by the undergraduate college during fall, winter, spring, and summer terms. The student's advisor must approve any non-Middlebury College courses within the focus area; the ES Director must approve any non-Middlebury College courses within the rest of the major. A maximum of three non-Middlebury College courses may be credited toward completion of the major.

I. Core Course Requirements
All majors are required to complete four core courses: ENVS 0112, ENVS 0211, ENVS 0215, and *either* ENVS/GEOG 0120 (recommended for students focusing in the social sciences, humanities or arts) *or* ENVS/GEOG 0150 (recommended for students focusing in the natural sciences).

ENVS 0112 should be completed by the end of the sophomore year; all core courses must be completed by the end of the junior year. Only those students who have completed the core courses are eligible to enroll in advanced integrative work.

II. Focus Course Requirements
Majors must complete the 7-8 course requirements for one of 17 established foci. Foci fall into one of four academic divisions: arts, humanities, natural sciences, and social sciences. These divisions govern which cognate courses a student may take. Courses taken within the focus that are not specified must be approved by the student's advisor. As indicated, some foci automatically qualify the student for joint major status.

Arts Foci

Environmental Dance: ARDV 0116; DANC 0160; DANC 260; DANC 0277 or DANC 1025; DANC 0284; DANC 0376; DANC 0700.

Environmental Studies-Architecture joint major*:* HARC 0100; HARC 0130; HARC 0230; HARC 0231 (prerequisite for HARC 0731); HARC 0330 (or approved substitute); one additional course that deals with architectural history, urbanism, or contemporary visual culture; HARC 0731 and HARC 0732, to be taken sequentially. Note: This joint major does not result in a professional degree in architecture. Students wishing to pursue graduate study in architecture are advised to take additional science and math courses and should consult with their advisor.

Environmental Studio Art: One 100- or 200-level drawing course; HARC 0327 (strongly suggested) or other approved substitute in the history of art-practice; ART 0309; four electives in studio art, three of which must be at the 300-level; ART 0700.

Environmental Theatre: ARDV 0116 or THEA 0101; THEA 0102; THEA 0208; DANC 0277; THEA 0235 or a THEA literature course chosen in consultation with advisor; two THEA electives of which only one may be a Production Studio course; and completing a crew requirement. The crew requirement must be completed by the end of the 5th term and will normally be satisfied by undertaking a running crew assignment on a for-credit production; the requirement may also be fulfilled by stage managing a faculty show, or by completing THEA 0119 or THEA 0129.

Humanities Foci

Environmental History: HIST 0222; three 100-300-level HIST courses; one 400-level HIST course or equivalent approved by adviser; HIST 0600 or equivalent approved by adviser; one additional course from the ENVS humanities cognate list or an approved substitute.

Environmental Literature: ENAM 0103 or CMLT 0101; ENAM 0205; three approved environmental literature courses (see full list) of which one must be at the 100-200 level and one must be at the 300-400 level; one term of senior independent work, typically ENAM 0700, or, upon approval, a senior thesis, typically ENAM 0700/ENVS 0701.

Environmental Writing: ENAM 0103 or CMLT 0101; CRWR 0170 or CRWR 0175; two approved environmental literature courses (see full list) of which one must be at the 100-200 level and one must be at the 300-400 level; two 300-level writing workshops; one term of senior independent writing, typically ENAM 0701.

Religion, Philosophy, and the Environment: ENVS 0395; PHIL 0356; ENVS 0700; and four courses in accordance with either the Religion track or the Philosophy track.

Religion track: RELI 0100 or an approved alternative; three RELI 100-200 level courses, of which two should focus *either* on a particular religious tradition (e.g. Christianity, Buddhism, Hinduism) *or* on a particular geographic area (e.g. religions of South Asia) and one should focus

on an *alternate* religious tradition/geographic area. ANTH 0211 or HIST/PHIL 0237 maybe substituted for a 200-level course with approval of the advisor.

Philosophy track: PHIL 0150 or PHIL 0151; at least one *ethics* course selected among: PHIL 0205, PHIL 0210, PHIL 0285, or an approved alternative; at least one *philosophy of science* course selected among: PHIL 0214 (strongly recommended), PHIL 0216, or an approved alternative; an additional PHIL course selected in consultation with the advisor.

Students with strong comparative interests in both religion and philosophy should consult with their advisor.

Natural Science Foci

Conservation Biology (Environmental Studies-Biology joint major): BIOL 0140; BIOL 0145; BIOL 0392; two field methods courses chosen from BIOL 0302, BIOL 0304, BIOL 0323 and BIOL 0371; one organismal course chosen from among BIOL 0201, BIOL 0202, BIOL 0203, BIOL 0302, and BIOL 0310; and two BIOL electives chosen from the 0200-0700 level (only one of which can be BIOL 0500 or higher). Notes: BIOL 0302 may count toward the field methods or the organismal requirement but not towards both; Winter Term courses offered through the Biology Department can be used to satisfy one of the elective courses; BIOL 0211 is a prerequisite for independent study in Biology (BIOL 0500 and higher). ENVS 0401 or, if approved, an integrative senior thesis, satisfies the required joint work for ENVS-BIOL joint majors.

Environmental Studies-Chemistry joint major: CHEM 0103; CHEM 0104 or 0107; CHEM 0203, CHEM 0204; CHEM 0270; and CHEM 0311. Students wishing to pursue graduate study in chemistry are advised to take additional science and math courses and should consult with their advisor.

Environmental Studies-Geology joint major: One introductory course chosen from among: GEOL 0112 (preferred), GEOL 0161, and GEOL 0170; one course from among GEOL/GEOG 0251, GEOL 0255, and GEOL 0257; one course from among GEOL 0201, GEOL 0211, and GEOL 0281; three GEOL 0200-level or higher courses, and two-term senior thesis focusing on geology and the environment: GEOL 0400/0700. Students wishing to pursue graduate study in geology are advised to take additional science and math courses and should consult with their advisor.

Social Science Foci

Conservation Psychology: PSYC 0105; PSYC 0201; PSYC 0202; PSYC 0233/0333; PSYC 0416; two additional courses to be determined in consultation with the student's advisor.

Environmental Economics: MATH 0121 or MATH 0122; ECON 0155; ECON 0210; ECON 0211, ECON 0255; ECON 0265; ECON 0465; one course from among ECON 0228, ECON 0275, ECON 0425, ECON 0428, and ECON 0466.

Environmental Justice: ENVS 208 (EJ in the Anthropocene); one course from the foundations list; three courses from the electives list; and two courses from the advanced list. Substitute or additional courses not listed here, including Winter Term courses and off-campus courses, may count toward the focus with the approval of an ESEJ faculty adviser. This is a social science-based focus, so majors in ESEJ follow the cognate course requirements for the social science division. Majors may count any humanities course listed for the focus (HIST, RELI, ENAM, PHIL, HARC, CLAS) as a cognate if they do NOT count it toward the focus. In choosing their natural science cognate, ESEJ majors are encouraged to consider CHEM 270, Environmental

Chemistry and Health for their natural science lab cognate.

Environmental Policy: ECON 0155; ECON 0265; ECON 0210 or MATH 0116 or PSYC 0201; PSCI 0214 or ENVS 0385; PSCI 0421 or PSCI 0452; two courses from among ENVS 0208, ENVS 0209, ENVS 0310, and any PSCI courses at the 0200-0300 level.

Environmental Studies-Geography joint major: GEOG 0100; four elective courses at the 0200- or 0300-level, at least one of which must be at the 0200 and one at the 0300 level; and one 0400-level seminar. The electives and seminar must be selected in consultation with, and approved by, the student's Geography advisor. ENVS 0401 or, if approved, an integrative senior thesis, satisfies the required joint work for ENVS-GEOG joint majors.

Environmental Studies - Anthropology joint major. ANTH 0103; ANTH 0211; ANTH 0302; ANTH 0306; and four electives related to environmental topics from the Anthropology curriculum or ENVS 0210 or ENVS 0385 in consultation with the student's advisor. Students pursuing senior work may only count one semester towards their elective requirement. No more than one elective may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a winter term course or transfer credit). Any departures from this program must be approved by the Anthropology department chair.

Other Environmental Perspectives

For students interested in studying the environment from perspectives for which there is not an established focus (e.g., international environmental studies, food studies, environmental justice), we recommend that students select the established focus that most closely meets their goals, select cognates that complement these goals, and, when possible, select topics on course assignments and projects that complement their goals and interests. Students are also encouraged to consider the possibility for intersecting study abroad opportunities with their goals and interests. Finally, students might consider completing a minor in environmental studies alongside a major of their choice. Students are encouraged to meet with the ES Director or with faculty advisors who advise for foci related to their interests to discuss their options.

III. Cognate Course Requirements

Two cognate courses must be selected from the approved list of cognates, subject to the following:

- cognates must represent an academic division outside the division of the student's chosen focus (see academic division for each focus above (section II));
- for students focusing outside the natural sciences, at least one cognate must be an approved natural science cognate *with a laboratory*;
- one cognate may be integrative (representing two or more academic divisions).

Because integrative courses represent more than one academic division, they inherently represent an academic division outside the division of the student's focus; therefore, all integrative courses can be counted by all majors toward completion of the cognate requirement, subject to the rules above. Not all approved cognates are offered each semester. Please check with relevant departments regarding course offerings.

IV. Advanced Integrative Capstone Requirement

After completing the required core courses, majors must complete one of two options for an advanced integrative capstone experience: either the community-engaged environmental studies practicum (ENVS 0401, open to juniors and seniors) or, with program consultation and approval, a multi-term integrative senior thesis (typically ENVS 0700/0703).

Senior Work in Environmental Studies
ENVS does not universally require senior independent work; however, some foci within ENVS do. With program consultation and approval, required senior work in a focus may be expanded to meet the criteria for a multi-term integrative senior thesis, thereby simultaneously fulfilling the senior work requirement in the focus and the advanced integrative capstone requirement. In other cases, majors must complete the required senior independent work in the focus and, in addition, complete ENVS 0401 as their required advanced integrative capstone experience.

Majors who are not required to complete independent senior work in their focus may, in consultation and approval of an advisor, apply to complete (optional) senior independent work in ENVS. Senior work in ENVS may be carried out as a one-term senior project (ENVS 0700); as a multi-term senior thesis (ENVS 0700/0701); or as a multi-term integrative senior thesis (ENVS 0700/703). Whereas a multi-term integrative senior thesis satisfies the advanced integrative capstone requirement of the major, other types of senior work do not.

All senior independent work carried out in ENVS or toward honors eligibility (i.e., carried out in a focus department) in Environmental Studies must be on a topic pertinent to the relationship between humans and environment; be supervised by at least one faculty advisor who is appointed in or affiliated with the environmental studies program; and must be presented publicly. In consultation with the thesis committee, students may present as part of the Spring Research Symposium or as a separate event arranged with the committee and ES Program.

To qualify as an integrative senior thesis, the multi-term work must also meaningfully and substantially integrate perspectives, lenses, or methodologies from the academic division of the student’s focus and typically at least one other division; and be supervised by at least two faculty advisors typically from different academic divisions, at least one of whom is appointed in or affiliated with the environmental studies program.

For additional important details regarding the integrative capstone requirement and/or senior work options, please visit the senior work page.

Environmental Studies Program Honors
Program honors will be awarded to majors who complete a multi-term senior thesis on a topic pertinent to the relationship between humans and the environment and meet the following requirements: the thesis must be supervised by a faculty advisor who is appointed in or affiliated with the environmental studies program; the work must be presented publicly, orally defended before their committee, and be of superior quality (B+ or higher); the student must achieve an average GPA of B+ or higher in courses taken toward completion of the major. Courses counting toward the GPA in the major include core courses, courses taken in fulfillment of focus with the exception of senior thesis courses (i.e., 700-level courses are excluded), cognates, and ENVS 0401 (if taken). If extra cognates or courses within the focus were taken, those with the highest grades will be applied toward completion of the major and toward the GPA calculation for honors eligibility.

ENVS 0112 Natural Science and the Environment (Fall 2020, Spring 2021)

We will explore in detail a series of current environmental issues in order to learn how principles of biology, chemistry, geology, and physics, as well as interdisciplinary scientific approaches, help us to identify and understand challenges to environmental sustainability. In lecture, we will examine global environmental issues, including climate change, water and energy resources, biodiversity and ecosystem services, human population growth, and world food production, as well as the application of science in forging effective, sustainable solutions. In the laboratory and field, we will explore local manifestations of global issues via experiential and hands-on approaches. 3 hrs. lect., 3 hrs. lab. **SCI** *(Fall 2020: M. Lapin)*

ENVS 0120 Human Geography with GIS (Fall 2020)

This course applies spatial thinking (integrating spatial concepts, spatial representations, and spatial reasoning) using geographic information systems (computer systems for processing location-based data). Students will learn to frame and solve a sequence of applied problems with GIS across a wide range of topics, including environmental planning, biogeography and conservation biology, environmental justice, political geography, and urban geography. Fundamental concepts and methods of GIS will include raster and vector data structures and operations, geographic frameworks, error and uncertainty, and principles of cartographic design. (First semester first year students and second semester seniors by waiver) 3 hrs. lect./3 hrs. lab. **DED**, **SOC** *(J. Holler)*

Cross-listed as: GEOG 0120 *

ENVS 0208 Environmental Justice in the Anthropocene (Fall 2020)

We live in a moment defined by environmental change. Yet the causes and consequences of these transformations are profoundly uneven. Across race, class, gender, and other forms of difference, “environmental problems” manifest in radically unequal ways, disproportionately burdening some while benefiting others. In this class we will dwell on this central tension in thinking about present socio-environmental crises and what to do about them, from toxic landscapes and biodiversity loss to global hunger and a warming climate. Certainly, these problems pose urgent, even existential problems that demand intervention. Yet common refrains about ‘how to save the environment’ always come with baggage. They have deep histories and hidden assumptions about causes and solutions, justice and inequality, politics and social change, which we will wrestle with together in this course. 3 hrs. lect. **CMP**, **SOC** *(D. Suarez)*

ENVS 0209 Gender Health Environment (Spring 2021)

Growing concern for the protection of the environment and human health has led policy makers and scholars to consider ways in which gender, class, and race and other forms of identity mediate human-environment interactions. In this course we will explore how access to, control over, and distribution of resources influence environmental and health outcomes both in terms of social inequities and ecological decline. Specific issues we will cover include: ecofeminism, food security, population, gendered conservation, environmental toxins, climate change, food justice, and the green revolution. We will draw comparisons between different societies around the globe as well as look at dynamics between individuals within a society. The majority of case studies are drawn from Sub Saharan Africa and Asia, however some comparisons are also made with the United States. (National/Transnational Feminisms) 3 hrs. lect. **AAL**, **CMP**, **SAF**, **SOC**

ENVS 0210 Social Class and the Environment (Spring 2021)

In this course we will explore the consequence of growth, technological development, and the evolution of ecological sacrifice zones. Texts will serve as the theoretical framework for in-the-field investigations, classroom work, and real-world experience. The Struggle for Environmental Justice outlines resistance models; Shadow Cities provides lessons from the squatters movement; Ben Hewitt's The Town that Food Saved describes economy of scale solutions, and David Owen's The Conundrum challenges environmentalism. Texts will guide discussions, serve as lenses for in-the-field investigations, and the basis for writing. We will also travel to Hardwick and Putney, Vermont, to explore new economic-environmental models. (Not open to students who have taken ENVS/WRPR 1014) **AMR**, **CW**, **NOR**, **SOC**

Cross-listed as: WRPR 0210 *

ENVS 0211 Conservation and Environmental Policy (Fall 2020, Spring 2021)

This course examines conservation and environmental policy in the United States. In order to better understand the current nature of the conservation and environmental policy process, we will begin by tracing the development of past ideas, institutions, and policies related to this policy arena. We will then focus on contemporary conservation and environmental politics and policy making—gridlock in Congress, interest group pressure, the role of the courts and the president, and a move away from national policy making—toward the states, collaboration, and civil society. 3 hrs. lect./disc. (crosslisted with PSCI 0211 Fall 2018 only) **AMR**, **NOR**, **SOC** *(Fall 2020: C. Klyza)*

Cross-listed as: PSCI 0211

ENVS 0215 Contested Grounds: U.S. Cultures and Environments (Fall 2020, Spring 2021)

Throughout the history of the United States, Americans have created a complex set of meanings pertaining to the environments (wild, pastoral, urban, marine) in which they live. From European-Native contact to the present, Americans' various identities, cultures, and beliefs about the bio-physical world have shaped the stories they tell about "nature," stories that sometimes share common ground, but often create conflicting and contested understandings of human-environment relationships. In this course we will investigate these varied and contested stories from multi-disciplinary perspectives in the humanities—history, literature, and religion--and will include attention to race, class, gender, and environmental justice. 3 hrs. lect./disc. **AMR**, **NOR** *(Fall 2020: K. Morse)*

ENVS 0220 Conversations with Environmental Icons & Others (Fall 2020)

What do voices from U.S. American History, both past and present, reveal about the way race, gender and privilege shape how we understand conservation, climate change, and environmental justice today? How does your voice matter in this current moment? We will consider the foundations of environmental ideas and attitudes and the connections to contemporary environmental practices by engaging in "conversations" with environmental icons such as John Muir and other historical and contemporary figures such as Zora Neale Hurston and Rachel Carson. In addition, we will explore the construction of environmental narratives and how representations of the natural environment are structurally and culturally racialized within environmental institutions and the media. 3 hrs. sem. **AMR**, **NOR** *(C. Finney)*

ENVS 0227 Encounters With the Wild: Nature, Culture, Poetry (I) (Fall 2020)

Civilization is often defined against wilderness. The two ideas are not exclusive but mutually constitutive, for wilderness and the wild turn out to be central to notions of the civil and the civilized. Poets have long been preoccupied by the boundaries and connections between these ideas. The word "poetry" itself comes from a Greek word for "craft" or "shaping"; thus, poetry implies the shaping of natural elements into an artful whole. In this course we will examine the literary history of this ongoing dialectic by reading and discussing masterpieces of Western literature, from ancient epics to modern poetry and folklore. As we do so we will rethink the craft of poetry, and the role of the poet, in mapping the wild. Readings will include *Gilgamesh*, *The Odyssey*, sections of *The Bible* and Ovid's *Metamorphoses*, *Beowulf*, *Sir Gawain and the Green Knight*, *A Midsummer Night's Dream*, *The Tempest*, and poems by Wyatt, Marlowe, Jonson, Donne, Marvell, Pope, and Thompson. (This course counts toward the ENVS Literature focus and the ENVS Environmental Non-Fiction Focus) lect./disc. **CMP**, **EUR**, **LIT** *(D. Brayton)*

Cross-listed as: ENAM 0227 *

ENVS 0230 Environmental Health (Fall 2020)

In this course we will explore the science underlying reciprocal relationships between human health and the environment, with emphasis on health inequities and vulnerable populations. Through the context of the four pillars of environmental health (exposure assessment, epidemiology, toxicology, and risk assessment), we will study common types of chemicals found in consumer products, climate change and air pollution, food and nutrition, and characteristics of the built environment. We will engage in discussions and a semester-long project to apply principles of environmental health as we explore connections between personal actions and local as well as global impacts. (ENVS 112 and BIOL 140 or BIOL 145 or CHEM 103 or CHEM 107) 3 hrs. lect. **SCI**

ENVS 0245 Human-Environment Relations: Middle East (Fall 2020)

In this course we will begin with an environmental history of Iraq, Syria, and Lebanon, asking such questions as: How does politics affect conservation practice? To what extent are formulations of nature constructed socially and politically? Whose rights are affected by protected areas and who decides governance criteria? The objectives of this course include providing students with an understanding of human-environment relations theory by addressing the regional specifics of modern environmental and social histories of these countries. We will look at animals, water, and forests in the literature of NGOs, UNEP reports, media, policy papers, and the academic literature. (One of the following: ENVS 0112, GEOG 0100, IGST 0101, SOAN 0103; Or by approval) (not open to students who have taken FYSE 1523) 3 hrs. lect. **AAL**, **MDE**, **SOC** *(R. Greeley)*

Cross-listed as: ARBC 0245 *

ENVS 0310 Theories of Change (Fall 2020, Spring 2021)

In this course we will examine various organized efforts aimed at transforming (and maybe saving) our world. In particular, we will compare different conceptions of how social change happens. In analyzing underlying beliefs, hypotheses, and assumptions—i.e., “theories of change”—we will grapple with fundamental questions and clashing perspectives regarding the nature of power, political economy, and social struggle, which continue to animate sharp disagreements among activists. As we mobilize to confront multiplying socio-environmental crises, getting our theories of change right has never seemed more urgent. (ENVS 0211) 3 hrs. sem. **SOC** (Fall 2020) *(Fall 2020: D. Suarez)*

ENVS 0332 The Perennial Turn in Ag and Culture (Fall 2020)

Increasingly more is being written about transforming business-as-usual to heal negative impacts on biodiversity, ecosystems, and cultures. Can fundamental shifts in thinking help move humanity from destructive power hierarchies and mechanistic worldviews to compatible partnerships with all life? Blending insights from physics, philosophy, communications, and life sciences with ancient and indigenous understandings, we will explore an emerging story of thinking more like a prairie than a plow. In efforts toward imaginative ways forward that offer just, reasonable, and resilient alternatives, we explore notions of perennial thinking through readings and community-engaged learning in the spheres of food/agriculture, teaching/learning, the healing and creative arts, and spirituality. 3 hrs. sem. **PHL** *(M. Lapin, N. Barnicle, W. Vitek)*

ENVS 0355 Water: From Fish to PFAS (Fall 2020)

In this team-taught course we will focus on water in the U.S. from the perspectives of natural science and policy. Three general themes, two of which map onto major environmental laws, will guide the course: clean water (Clean Water Act), drinking water (Safe Drinking Water Act), and dams. We will examine questions of human / non-human equity concerns throughout the course, from pollutants (e.g., PFAS and lead) to aquatic ecosystem health. Students will engage in major experiential, societally-connected projects. A major goal of the course will be to demonstrate the interplay of different ways of knowing. (ENVS 0211 or ENVS 0112 or GEOL 0255) 3 hrs. sem. *(C. Klyza, P. Ryan)*

ENVS 0385 Global Political Ecology (Spring 2021)

From global land grabs and agrarian revolutionary movements to clashes over energy infrastructure and the establishment of protected areas, today’s “environmental issues” are suffused with political relations and deeply entangled with the historical formations of capitalism, colonialism, the state, and science. In this seminar we will analyze how “social” questions of power, political economy, and social struggle, pervade the “natural” (and vice versa). Such questions are invariably messy and full of surprises, confounding reduction to universal theories extended from afar. Often, they require a close in-the-weeds look. That is what this class will invite you to do. The field of political ecology offers a rich repertoire of approaches for developing empirically grounded, historically contextualized, and theoretically nuanced forms of analysis that grapple with the situated complexities of resource and environmental issues. (ENVS 0211 or PSCI 0214) 3 hrs. sem. **CMP**, **SOC**

ENVS 0395 Religion, Ethics, and the Environment (Spring 2021)

In this class we will consider the relationship between religion and ecology in some of the world's great wisdom traditions, particularly Buddhism, Hinduism, Christianity and Judaism. Our approach will be comparative across traditions and attentive to a wide range of "big ideas" about human-nature relationships. We will explore the ways in which religious traditions perpetuate ideas of the bio-physical world that are both "nature-affirming" and "nature-denying," considering such themes as stewardship, sacred geography and the interdependence of living beings. We will also examine how, in contemporary times, religious identity has fueled and shaped religiously-based environmental activism. (RELI 0110 or RELI 0130 or RELI 0160 or RELI 0190 or RELI 0295 or ENVS 0215) 3 hrs. sem. **CMP**, **PHL**

ENVS 0401 Community-Engaged Environmental Studies Practicum (Fall 2020, Spring 2021)

In this course students work in small groups with one of a variety of partners and organizations to complete a semester-long, community-engaged project. Project themes vary by term and typically focus on local and regional environmental issues that have broader application. Projects rely on students' creativity, interdisciplinary perspectives, skills, and knowledge developed through their previous work. The project is guided by a faculty member and carried out with a high degree of independence by the students. Students will prepare for and direct their project work through readings and discussion, independent research, collaboration with project partners, and consultation with external experts. The course may also include workshops focused on developing key skills (e.g., interviewing, public speaking, video editing). The project culminates in a public presentation of students' final products, which may various forms such as written reports, policy white papers, podcasts, or outreach materials. (Open to Juniors and Seniors) (ENVS 0112, ENVS 0211, ENVS 0215, GEOG 0120 or GEOG 0150) 3 hrs. sem./3 hrs. lab *(Fall 2020: R. Gould, D. Munroe)*

ENVS 0442 Transnational Feminist Conservation (Spring 2021)

In this course we explore a transnational feminist approach to conservation. We will start by delving into the masculinist history of conservation, and reviewing a set of theories and vocabularies focused on gender, as well as race, class, and ability as key sites of power that effect both human and non-human bodies and ecological processes, from coral reefs to the arctic tundra. We will compare case studies across multiple regions globally on topics such as conservation via population control, feminist food, community-based conservation, and feminist-indigenous approaches to inquiry. We will debate feminist science, examining the conflicting epistemic foundations of objective versus situated knowledge. We will hone our writing skills in a variety of genres including blogs, academic essays, poems, and zines. (ENVS 0211, ENVS 0215 or ENVS/GSFS 209) 3 hrs. sem. **AAL**, **CMP**, **CW**, **SAF**, **SOC**

Cross-listed as: GSFS 0442

ENVS 0480 Animals, In Theory (Spring 2021)

Scholars in various disciplines have become increasingly interested in what has been termed “the question of the animal.” Scholars in philosophy, literature, law, gender theory, critical race theory, art history, sociology and history (among others) have started to take seriously the animals around us, and the field we now call Animal Studies has grown rapidly. In this course we will study the cultural place of animals – animals as pets, in zoos, in images, in literature, in science, in spiritual traditions, as food, and as themselves. We will study the theoretical, historical, and philosophical foundations of this burgeoning interdisciplinary field, and we will also examine the ways in which literature influences and is influenced by the changing roles of animals in societies across time and place. Class sessions will be discussion based and students will undertake group work, a major research paper, and an individual presentation. 3 hrs. sem. **LIT**

Cross-listed as: ENAM 0480

ENVS 0500 Independent Study (Fall 2020, Spring 2021)

In this course, students (non-seniors) carry out an independent research or creative project on a topic pertinent to the relationship between humans and the environment. The project, carried out under the supervision of a faculty member with related expertise who is appointed in or affiliated with the Environmental Studies Program, must involve a significant amount of independent research and analysis. The expectations and any associated final products will be defined in consultation with the faculty advisor. Students may enroll in ENVS 0500 no more than twice for a given project. (Approval only)

ENVS 0700 Senior Independent Study (Fall 2020, Spring 2021)

In this course, seniors complete an independent research or creative project on a topic pertinent to the relationship between humans and the environment. During the term prior to enrolling in ENVS 0700, a student must discuss and agree upon a project topic with a faculty advisor who is appointed in or affiliated with the Environmental Studies Program and submit a brief project proposal to the Director of Environmental Studies for Approval. The expectations and any associated final products will be defined in consultation with the faculty advisor. Students may enroll in ENVS 0700 as a one-term independent study OR up to twice as part of a multi-term project, including as a lead-up to ENVS 0701 (ES Senior Thesis) or ENVS 0703 (ES Senior Integrated Thesis). (Senior standing; Approval only)

ENVS 0701 Senior Thesis (Fall 2020, Spring 2021)

This course is the culminating term of a multi-term independent project, resulting in a senior thesis on a topic pertinent to the relationship between humans and the environment. Approval to enroll is contingent on successful completion of at least one term (and up to two) of ENVS 0700 and the approval of the student's thesis committee. The project, carried out under the supervision of a faculty advisor who is appointed in or affiliated with the Environmental Studies Program, will result in a substantial piece of scholarly work that will be presented to other ENVS faculty and students in a public forum and defended before the thesis committee. (Senior standing; ENVS major; ENVS 0112, ENVS 0211, ENVS 0215, GEOG 0120, and ENVS 0700; Approval only)

ENVS 0703 Senior Integrated Thesis (Fall 2020, Spring 2021)

This course is the culminating term of a multi-term independent project, resulting in a senior thesis on a topic pertinent to the relationship between humans and the environment and that meaningfully integrates perspectives, methodologies, and/or approaches from multiple academic divisions (e.g., humanities/arts, natural sciences, social sciences). Approval to enroll is contingent on successful completion of at least one term (and up to two) of ENVS 0700 and approval of the Environmental Studies Program. The project, carried out under the co-supervision of two faculty advisors from different academic divisions of whom at least one is appointed in or affiliated with the Environmental Studies Program, will result in a substantial piece of scholarly work that will be presented to other ENVS faculty and students in a public forum and defended before the thesis committee. (Open to Senior ENVS majors) (Approval Only)

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Department of Film & Media Culture

***Major Requirements*:** Students must complete ten courses to satisfy the requirements for a major in Film and Media Culture. Before declaring a Film and Media Culture major, the student must have completed or be currently enrolled in one of the basic core courses. Those courses are as follows:

Basic Core Course Requirements: FMMC 0101 Aesthetics of the Moving Image; FMMC 0102 Film History; FMMC 0104 TV and American Culture; and one production course - either FMMC 0105 Sight and Sound or FMMC 0106 Writing for the Screen I. The basic core courses should be completed by the end of the junior year.

Required Advanced Courses: One 0300 level course in theory -- FMMC 0354, FMMC 0355, FMMC/GSFS 0358, FMMC 0360, or another approved 0300 level course -- typically to be completed during junior year; and FMMC 0700 Film and Media Senior Tutorial.

Electives: Four additional FMMC courses, with at least two of these being critical studies or history courses. With the prior permission of a student's academic advisor, one winter term FMMC course may be counted as an elective. Independent study courses will typically not count as an elective unless approved by the department chair for exceptional circumstances. Students taking courses focused on film and media taught in a foreign language, either at Middlebury or abroad, may request major elective credit from their advisor. Note that courses may not count toward both FMMC and another department's major or minor. Courses transferred from other institutions will *normally* count only as an elective toward the FMMC major, not to fulfill core requirements.

Minor: Three required courses - FMMC 0101 Aesthetics of the Moving Image, FMMC 0102 Film History, FMMC 0104 TV and American Culture. In addition, minors must take three additional courses that are listed or cross-listed as FMMC. At least one of the three electives must be at the 0300 or 0400-level. At least one of the three electives must be a critical studies or history course.

Joint Major: The joint major with FMMC is a combination of two disciplines, culminating in a joint senior project; the plan for joint majors is negotiated between the student and the two departments in which the joint program of study is pursued at the time of declaring the joint major. **The senior project** must combine aspects of both majors and in most cases will require approval, supervision, and evaluation from either departments or programs. The Film and Media Culture part of the joint major requires a minimum of seven courses, including four 100-level FMMC core courses, a 300-level theory course, FMMC 0700 Film and Media Senior Tutorial (or the equivalent senior project course in the other department), and any courses required or appropriate prior to undertaking the joint senior project. FMMC supports a concentration in American Studies, as detailed on its page.

Joint Major with ENAM: A common joint major is ENAM/FMMC, combining an interest in storytelling in both literary and visual forms. Joint ENAM/FMMC majors are required to fulfill the basic Joint requirements for FMMC as listed above, and are encouraged to take the relevant electives FMMC 0257 Storytelling in Film & Media and FMMC 0279 Film & Literature if possible. Students who wish to write a screenplay for their joint senior project are required to take FMMC 0106 Writing for the Screen I and FMMC 0341 Writing for the Screen II; additionally, their screenwriting project must be tied to literary topics or issues (including adaptation).

Honors: The faculty of Film and Media Culture will award honors to select students based on their overall excellence in film and media coursework with a minimum GPA of 3.7, and on the

merit of their senior project.

FMMC 0101 Aesthetics of the Moving Image (Fall 2020, Spring 2021)

How do films convey meaning, generate emotions, and work as an art form? What aspects of film are shared by television and videogames? This course is designed to improve your ability to watch, reflect on, and write about moving images. The course will be grounded in the analysis of cinema (feature films, documentaries, avant-garde, and animation) with special focus on film style and storytelling techniques. Study will extend to new audio-visual media as well, and will be considered from formal, cultural, and theoretical perspectives. 3 hrs. lect./3 hrs. screen **ART**

FMMC 0102 Film History (Spring 2021)

This course will survey the development of the cinema from 1895 to present. Our study will emphasize film as an evolving art, while bearing in mind the influence of technology, economic institutions, and the political and social contexts in which the films were produced and received. Screenings will include celebrated works from Hollywood and international cinema. 3 hrs. lect./3 hrs. screen **ART**, **HIS**

FMMC 0104 Television and American Culture (Fall 2020)

This course explores American life in the last seven decades through an analysis of our central medium: television. Spanning a history of television from its origins in radio to today's digital convergence via YouTube and Netflix, we will consider television's role in both representing and constituting American society through a variety of approaches, including: the economics of the television industry, television's role within American democracy, the formal attributes of various television genres, television as a site of gender and racial identity formation, television's role in everyday life, the medium's technological transformations, and television as a site of global cultural exchange. 3 hrs. lect./disc. / 3 hrs. screen **AMR**, **NOR**, **SOC** *(J. Mittell)*

Cross-listed as: AMST 0104

FMMC 0105 Sight and Sound I (Fall 2020, Spring 2021)

In this course students will gain a theoretical understanding of the ways moving images and sounds communicate, as well as practical experience creating time-based work. We will study examples of moving images as we use cameras, sound recorders, and non-linear editing software to produce our own series of short works. Emphasis will be placed on understanding the possibilities of the medium through experimentation, analysis, and detailed feedback while exploring different facets of cinematic communication. Open to FMMC majors only. (FMMC 0101, or FMMC 0102, or approval of instructor) 3 hrs. lect./3 hrs. lab **ART** *(Fall 2020: I. Uricaru)*

FMMC 0106 Writing for the Screen I (Fall 2020)

In this course we will examine the fundamental elements of dramatic narrative as they relate to visual storytelling. We will emphasize the process of generating original story material and learning the craft of screenwriting, including topics such as story, outline, scene structure, subtext, character objectives, formatting standards, and narrative strategies. Weekly writing assignments will emphasize visual storytelling techniques, tone and atmosphere, character relationships, and dialogue. Students will be required to complete two short screenplays. Required readings will inform and accompany close study of selected screenplays and films. (FMMC 0101 OR CRWR 0170 or approval of instructor) (Formerly FMMC/ENAM 0106) 3 hrs. sem. **ART** *(I. Uricaru)*

Cross-listed as: CRWR 0106

FMMC 0215 3D Computer Animation (Fall 2020, Spring 2021)

3D computer animation has revolutionized animation, graphics, and special effects. In this course students will explore basic 3D modeling techniques, virtual material and texture creation, digital lighting, rendering, and animation. Every workshop will be hands on and fully immersed in this rapidly evolving technology. Students will leave with a strong conceptual understanding of the 3D graphics pipeline, a fundamental 3D skill set, options for further study, and an independent final animation project. 3 hrs. workshop **ART** (Fall 2020) *(Fall 2020: D. Houghton)*

Cross-listed as: INTD 0215 *

FMMC 0221 Sherlock Holmes Across Media (Spring 2021)

Sir Arthur Conan Doyle created Sherlock Holmes in 1886. Since then, the consulting detective has continued to solve mysteries in literature, radio, film, television, and digital media. Indeed, Sherlock Holmes inspired what many think of as the earliest media fandom. Why has Sherlock Holmes remained such a fascinating figure for almost a century and a half? How have Holmes and his sidekick Watson (or Sherlock and John) transformed in their different iterations across media, culture, history, and nation? And what does it mean for contemporary television series *Elementary* and *Sherlock* to reimagine Sherlock Holmes for the digital age? (Not open to students who have taken FYSE 1457) **ART**, **EUR**, **LIT**

FMMC 0224 African Cinema (Fall 2020)

In this course we will examine how films written and directed by African filmmakers address the evolving identities of post-colonial Africans. Students will explore the development of various national cinemas and the film movements that helped define African cinema as a tool for cultural expression and social change. We will pair film studies, post-colonial studies, and African studies readings with a diverse selection of films from across sub-Saharan Africa, from Senegal’s 1967 *Black Girl* (Ousmane Sembene) to the 2018 Netflix-produced Nigerian “Nollywood” film, *Lionheart* (Genevieve Nnaji). 3 hours lect./3 hours screen. **AAL**, **ART**, **CMP**, **HIS**, **SAF** *(N. Ngaiza)*

FMMC 0227 African American Cinema (Spring 2021)

In this course we will examine various representations of Blackness in American Cinema, from Oscar Micheaux's early silent films to Ryan Coogler's Black Panther. While we will primarily focus on films written and/or directed by African-Americans, we will also study the social, cultural, and political impact of Hollywood ideas and images of Black people and how they changed over time. Through a framework of both film theory and critical race theory, students will analyze how Black creative expression has manifested itself through film, influencing both form and content. 3 hours lect./3 hours screen **AMR**, **ART**, **HIS**, **NOR**

FMMC 0252 Authorship and Cinema (Fall 2020)

This course will be devoted to a study of four major international filmmakers with distinct and contrasting visual styles: Howard Hawks (USA), Robert Bresson (France), Michael Powell (England), and Yasujiro Ozu (Japan). We will screen several films by each director, giving careful attention to the ways that their distinctive stylistic approaches shape the thematic preoccupations that mark their films. Films screened will include: Only Angels Have Wings (1939) and His Girl Friday (1940) by Hawks; Diary of a Country Priest (1951) and A Man Escaped (1956) by Bresson; I Know Where I'm Going! (1945) and Black Narcissus (1947) by Powell; There Was a Father (1942) and Tokyo Story (1953) by Ozu. (FMMC 0101 or FMMC 0102). **ART** *(C. Keathley)*

FMMC 0255 French New Wave (Spring 2021)

Beginning in 1959 and continuing through the 1960s, dozens of young French cinephiles, thrilled by Hollywood genre movies and European art films, but disgusted with their own national cinema's stodgy productions, took up cameras and began making films. This movement, known as La Nouvelle Vague, remains one of the most exciting, inventive periods in cinema history. This course focuses on the major films and directors (Jean-Luc Godard, Francois Truffaut, Alain Resnais) of the period and also gives consideration to the cultural, technological, and economic factors that shaped this movement. (Formerly FMMC 0345) **ART**, **EUR**

FMMC 0276 Remix Culture (Fall 2020)

With the spread of digital technologies, remix has come to the forefront as a major form of artistic work and cultural and political commentary. In this course we will explore the history, cultural and legal impact, and creative logics of remix traditions. We will examine how digital technologies shape transformative creativity. Drawing on the work of theorists such as DJ Spooky and Lawrence Lessig, we will consider the creative and legal ramifications of remix logics. We will explore a range of remix works across media with a focus on video. Students will also produce remixes through individual and group work. 3 hrs. lecture/3 hrs. screening **AMR**, **ART**, **NOR**, **SOC** *(L. Stein)*

FMMC 0320 Directing Strategies: From Paper to Screen (Spring 2021)

In this course we will examine the creative processes involved in directing dramatic material for the screen, with emphasis on the specificity of our medium. Through rigorous analysis of existing media, we will understand the dramatic and interpretative choices made by film writers, directors, and editors. Through hands-on exercises, we will develop scene analysis techniques, rehearsal methodologies, and pre-visualization strategies. Students will apply these skills to the directing of dramatic scenes. (FMMC 0105) 3 hrs. Lect., 3 hrs. Lab

FMMC 0332 Filmmaking for Change (Spring 2021)

The art of cinema has the potential to reach audiences not only aesthetically but also at the level of ideas and moral principles. Filmmakers have the power to raise questions, challenge the status quo, mobilize dissent; they can bear witness, hold up a revealing mirror to reality and sometimes catalyze real change in the world. How can cinema perform these tasks while upholding its artistic value and not sliding into propaganda, didacticism or ideological advocacy? In this class we will watch and discuss films such as *Z/ (Costa Gavras, 1968), /All the Presidents' Men* (Alan J Pakula, 1976), *Dekalog* (K. Kieslowski 1989). Each student will write and produce/direct a short film with a theme about which they want to raise consciousness and stir debate. (FMMC 105, or FMMC 0106, or instructor approval). 3hrs sem, 3 hrs screen. **ART**

FMMC 0334 Videographic Film and Media Studies (Spring 2021)

Digital video technologies—such as DVDs, digital editing software, and online streaming—now enable film and media scholars to "write" with the same materials that constitute their object of study: moving images and sounds. But such a change means rethinking the rhetorical modes traditionally used in scholarly writing, and incorporating more aesthetic and poetic elements alongside explanation and analysis. In this hands-on course, we will both study and produce new videographic forms of criticism often known as "video essays," exploring how such work can both produce knowledge and create an aesthetic impact. (FMMC 0101 or FMMC 0105 or by approval) 3 hrs. sem

FMMC 0335 Sight and Sound II (Fall 2020)

In this course students will work in teams to produce several short films, having the opportunity to take turns at fulfilling all the essential crew positions: director, producer, cinematographer, production sound mixer, editor, and sound designer. We will emphasize thorough pre-production planning, scene design, cinematography, working with actors, and post production —including color correction and sound mixing. The critical dialogue established in FMMC 0105 Sight and Sound I will be extended and augmented with readings and screenings of outstanding independently produced work. (FMMC 0105) 3 hrs. lect./3 hrs. lab. **ART** *(N. Ngaiza)*

FMMC 0341 Writing for the Screen II (Spring 2021)

Building on the skills acquired in Writing for the Screen I, students will complete the first drafts of their feature-length screenplay. Class discussion will focus on feature screenplay structure and theme development using feature films and screenplays. Each participant in the class will practice pitching, writing coverage, and outlining, culminating in a draft of a feature length script. (FMMC 0106) 3 hrs. sem/3 hrs. screen. **ART**

Cross-listed as: CRWR 0341

FMMC 0350 Documentary Film in Contemporary China (Fall 2020)

In China since the 1980s, new political and socio-economic realities, along with new technologies, created conditions for the emergence of the New Documentary Movement, the collective achievement of a group of artists with new ideas about what the form and function of nonfiction film should be. We will screen and discuss select contemporary Chinese documentary films, place these films in the context of global documentary film history, and learn methods for the analysis of nonfiction film. We will "read" each film closely, and also study secondary sources to learn about the Chinese realities that each film documents. 3 hrs. lect./screening **AAL**, **ART**, **NOA** *(T. Moran)*

FMMC 0358 Theories of Spectatorship, Audience, and Fandom (Fall 2020)

In this course we will explore a range of theoretical approaches to the study of spectatorship and media audiences. How has the viewer been theorized throughout the history of film, television, and digital media? How have theoretical understandings of the relationship between viewer and media changed in the digital age? How have gender, class, and race informed cultural notions of media audiences from silent cinema to today? We will consider key theoretical readings and approaches to studying spectators, viewers, audiences, fans, and anti-fans across the history of the moving image. (FMMC 0101 or FMMC 0102 or FMMC 0104 or FMMC 0254) 3 hrs. lect./disc./3 hrs. screen. **AMR**, **ART**, **CW**, **NOR**, **SOC** *(L. Stein)*

Cross-listed as: GSFS 0358

FMMC 0360 Methods of Film & Media Criticism (Spring 2021)

This writing-intensive seminar takes a close look at four key theoretical concepts for film & media criticism: textuality, authorship, genre, and narrative. How do we understand the boundaries between any film “text” and its broader intertextual contexts? How does authorship frame our understanding of the style and ethics of any given film? How do genre categories help us make sense of films and media, as well as their cultural contexts? How do films and media tell stories in distinctive and innovative ways? Through theoretical readings and exemplary screenings, we will learn to become sharper critics of films and media. (FMMC 0101 or FMMC 0102 or FMMC 0104 or instructor's approval) 3 hrs. sem./3 hrs. screen **CW**

FMMC 0507 Advanced Independent work in Film and Media Culture (Fall 2020, Spring 2021)

Consult with a Film and Media Culture faculty member for guidelines. *(Fall 2020: I. Uricaru, A. Grindon, D. Miranda Hardy, L. Stein, C. Keathley, J. Mittell, N. Ngaiza, N. Dobreva; Spring 2021: J. Mittell, L. Stein, I. Uricaru, C. Keathley, D. Miranda Hardy, N. Ngaiza)*

FMMC 0700 Senior Tutorial (Fall 2020, Spring 2021)

All FMMC majors must complete this course in their senior year, during which they undertake the process of devising, researching, and developing the early drafts and materials for an independent project in Film and Media in their choice of medium and format. Students will be poised to produce and complete these projects during Winter Term, via an optional but recommended independent study. Prerequisites for projects in specific formats are outlined on the departmental website. *(D. Miranda Hardy, C. Keathley)*

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Food Studies Minor

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Lois ’51 and J. Harvey Watson Department of French and Francophone Studies

Required for the Major in French and Francophone Studies: Total of no fewer than 10 courses. All courses for the major must be taught in French.

I. Two introductory-level courses in reading and culture: FREN 0209, FREN 0210, FREN 0220-0229, or specified courses in France (Paris, Poitiers, Bordeaux), or Cameroon; or equivalent in the Middlebury summer French School when offered.
II. One course in contemporary French or Francophone studies: FREN 0230-0239, courses on contemporary France, or specified French or Francophone studies in France (Paris, Poitiers, Bordeaux), or Cameroon; or equivalent in the Middlebury summer French School when offered.
III. One course on the history of France or a Francophone region or country.
IV. Three advanced courses in French or Francophone studies (FREN 0300 level).
V. One unit of senior work, usually a senior seminar (FREN 0400 level. Honors candidates may fulfill the senior work requirement by writing an Honors essay (FREN 0700) or Honors thesis (FREN 0701).

During their senior year, majors must take at least one advanced course (Category IV) in French at Middlebury in addition to the senior seminar.

Other courses counting for the major include:

(1) At the Vermont campus: FREN 0205, FREN 0255, among others; certain advanced courses offered during the winter term (with permission of the chair); certain summer courses at the 0300 (intermediate) or 0400 (advanced) level; and,

(2) In France and Cameroon: language and linguistics courses; comparative literature (with a major French or Francophone component); French or Francophone arts, theatre, cinema, television, or politics.

All majors study abroad for a semester or a year in a French-speaking country. The year program carries nine units of credit; the semester program carries four or five units of credit. In order to ensure that students are exposed to a variety of disciplines, no more than five units (full-year program) or three units (semester program) may be counted toward the French and Francophone Studies major. Most courses in France will be at the advanced level.
The French and Francophone Studies Department does not offer a joint major.

Required for a Minor in French and Francophone Studies: Minimum of five courses, FREN 0205 and above, including at least two introductory courses (FREN 0209, FREN 0210, FREN 0220-0239) and at least one course at the advanced level (Category IV) to be taken during the student’s final two semesters. The minor may include courses taken at the Middlebury School in France or the School in Cameroon (maximum of two from the semester program, three from the full-year program). Students electing the French minor are encouraged to consult with faculty members in the French Department about course planning.

Students with a College Board AP score of 4 or 5 will receive one unit of credit toward graduation if the first course successfully completed at Middlebury is FREN 0209 or above in

accordance with placement and departmental advising. AP credits may not be counted toward the major or minor.

Senior Work: Upon completing at least two 0300-level courses in French or Francophone studies, majors are required to complete senior work consisting of a significant research paper in the context of a senior seminar (0400-level).

Honors: Exceptional students with a grade point average in French and Francophone Studies of 3.8 or higher may petition the department to pursue an independent project for honors in French and Francophone Studies. Candidates for honors may propose a one-semester senior honors essay (FREN 0700) or a senior honors thesis (FREN 0701, one semester and winter term). Eligible students should consult the departmental guidelines and present their proposals well in advance of registration for the term in which the work is to be started. The department will determine whether to award honors, high honors, or highest honors on the basis of a student's work in the department and performance on the senior honors project.

International and Global Studies Major with French Language: Along with other required courses and senior work as described in the International and Global Studies Major section, completion of the French language component requires: (1) proficiency in French (a minimum of two of (FREN 0209, FREN 0210, FREN 0220-0239) or work in the French summer school at the 0300 level or above); (2) at least one semester, and preferably a year, at the Middlebury College School in France, or in Cameroon, or in another French-speaking country; and (3) one or more courses at the 0300 or 0400-level upon return from abroad.

International and Global Studies Major, European Studies Track:
[For Classes of 2015.5 and 2016 only. New rules, available in the International and Global Studies section, apply to the Class of 2017]
(1) Language proficiency: see above; (2) regional specialization: choose from FREN 0230 and courses at the 0300-level, or others (Vermont campus), in consultation with the track director; courses in French or Francophone studies at Middlebury in France or in another French-speaking country; (3) disciplinary specialization: two courses from (FREN 0209, FREN 0210, FREN 0220-0239); three advanced French or Francophone studies courses at Middlebury or one of the Middlebury Schools in France; (4) at least one semester, and preferably a year, at the Middlebury College School in France or in another French-speaking country; and (5) one or more courses at the 0300 or 0400 level, or senior independent work in French, upon return from abroad.

Study Abroad in France and in Cameroon: Middlebury offers both year and semester abroad programs in France (Paris, Poitiers and Bordeaux) and in Cameroon. Students planning to study in France or Cameroon must have completed two full years of college credit by the time they undertake their study abroad; they must have successfully completed at least one course beyond FREN 0209 (previously FREN 0210) by the time they arrive abroad; and they must have an average in French of at least B. We expect all applicants to demonstrate their commitment to French and maintain their fluency by continuous study of French from the time of their enrollment at Middlebury and to maintain their academic level if they are accepted to study abroad. They are required to take a French course in the semester before study abroad. Students may count three courses from the semester program, five from the full year program toward a major in French; two courses from the semester program and three from the full year program toward a minor in French.

It should be noted that while students wishing to attend one of our programs in France or in Cameroon must demonstrate a level of proficiency in the language that will allow them to function successfully in the French or Cameroonian university setting, they need not be French

majors: the C.V. Starr-Middlebury School in France (Paris, Poitiers, and Bordeaux) offers students the opportunity to take courses in history, history of art, economics, cinema, political science, psychology, sociology, studio art, the natural sciences, and the environment, among other disciplines, in addition to courses in languages and literature. Students interested in studying abroad should speak to someone in the Office of International Programs & Off-Campus Study, Sunderland Language Center, well in advance of applying. They will need to seek prior approval of School in France and School in Cameroon courses from the appropriate department chairs if they wish course work to count toward a specific minor or major. The Office of Off-Campus Study will provide information about the program and application forms.

FREN 0101 Intensive Beginning French (Fall 2020)

For students who have not previously studied French, an introduction to listening, speaking, reading, and writing in French, providing the syntactic and semantic foundation of the French language in a concentrated program of grammar presentation, drills, laboratory work, and discussion. Primary emphasis will be placed on the student's active use of the language, and weekly attendance at the French language table will be required. This course does not fulfill the foreign language distribution requirement. Students are expected to continue with FREN 0102 in the winter term after successfully completing FREN 0101, and with FREN 0201in the spring. 6 hrs. lect./disc. *(E. Dessein, L. Sainte-Claire)*

FREN 0105 Accelerated Beginning French (Spring 2021)

This intensive course is a condensation of FREN 0101 and 0102 for students who have never before studied French. We will focus on the development of all four communicative skills in an immersion-style environment. Primary emphasis will be placed on increased oral proficiency through audiovisual, conversational, and drill methods. Upon successful completion of this course students will be prepared for second-year French in the fall. Weekly attendance at the French language table will be required. 6 hrs. lect./disc./1 hr. drill

FREN 0201 Intermediate French I (Spring 2021)

Emphasis on increased control and proficiency in the language through audiovisual, conversational, and drill methods. Readings and film enlarge the student's view of French life and culture. (FREN 0102 or by placement) 5 hrs. lect./disc. **LNG**

FREN 0203 Intermediate French II (Fall 2020)

An active and intensive review of French grammar for students having had good beginning-level training in French. We will work not only to perfect mastery of the structures of the language with practice of writing and reading, but also to develop oral comprehension and production skills. (FREN 0103 or FREN 0105 or placement) 5 hrs. lect./disc. **LNG** *(C. Nunley, E. Dessein)*

FREN 0205 Toward Liberated Expression (Fall 2020, Spring 2021)

A course designed to increase and perfect the ability to express oneself in spoken and written French. Emphasis on precision, variety, and vocabulary acquisition. Sections limited to 15 students. (FREN 0201, 0203 or placement) This requirement for the major and the minor may be satisfied by placement at a higher level. 3 hrs. lect./disc. **LNG**

FREN 0209 Self and Society: Effective Writing in French (Fall 2020, Spring 2021)

In this course, students will deepen their knowledge of the French language and French-speaking cultures while developing their reading and writing skills through examination of a variety of texts and media. This course facilitates the transition from language-oriented courses (FREN 0205) to content-oriented courses (such as FREN 0220 and FREN 0230) by introducing students to strategies for interpretation and discussion, with a focus on effective writing. Course materials may include essays/articles, theater, fiction, poetry, videos, and films. (FREN 0205 or by placement) 3 hrs. lect./disc. **EUR**, **LNG** *(Fall 2020: W. Poulin-Deltour)*

FREN 0220 Imagining Community in France and Beyond (Fall 2020)

In this course we will examine how notions of community have been imagined within French culture, drawing on a variety of sources including essays, short novels and film. Particular attention will be given to works in which difference (ethnic, regional, national, generational, class) plays an important role in initiating and sustaining innovative forms of partnership. The course provides an array of opportunities to hone oral expression, critical thinking and writing in French. Writers and directors studied may include Chamoiseau, Dai Sijie, Daudet, Duras, Gary, Glissant, Kassovitz, Malle, and Tournier. (FREN 0209, 0210 or placement) 3 hrs. lect./disc. **CMP**, **EUR**, **LIT**, **LNG** *(C. Nunley)*

FREN 0230 Introduction to Contemporary France (Fall 2020, Spring 2021)

In this interdisciplinary course we will examine the evolving social and political landscape of France in the 21st century. How is French society reconciling contemporary challenges with deeply entrenched institutions and values? How does everyday life reflect the evolution of long-term trends? How are immigration, growing inequalities, and membership in the European Union challenging French identity and the notion of “Frenchness”? We will focus our attention on demography and the family, the educational system, politics, and the French social model or welfare state. Emphasis will be on oral expression and the acquisition of specialized vocabulary. Sources will include articles from the French and American press, documents, and film. This course is recommended for all students planning to study in France. (FREN 0209, 0210 or placement); open to first-semester first-year students with permission.) **EUR**, **LNG**, **SOC** *(Fall 2020: W. Poulin-Deltour)*

FREN 0332 Body Politics in Francophone Fictions (Fall 2020)

How do political, social, and cultural forces shape women's experience of and beliefs about their own bodies? In this course we will analyze the social construction of women's bodies through the very intimate lens of the family in contemporary Francophone fictions. We will see that personal power weighs as much as institutional and disciplinary powers on the degree of control young women retain over their bodies. Students will also learn to define and analyze the historical, political and socio-cultural conditions surrounding these representations. Authors will include Duras, Beti, Condé, Lahens, and Marouane. (FREN 0220-0230 or by waiver) 3 hrs. lect. **AMR**, **CMP**, **LIT**, **LNG** *(L. Sainte-Claire)*

FREN 0335 Language Ideologies in the Francophone World (Fall 2020)

Is French really in danger? Does it need to be defended? Language ideologies have prevailed in France since the foundation of the French Academy in 1635. New waves of language defenders emerged in the 20th century especially against English in the technological and entertainment industry. In this course, we will examine the history of French language ideologies in the Francophone world from the 17th to the 21st century in order to better understand French attitudes toward the "bon usage". In addition to theoretical works, we will explore language laws, newspaper articles, social media posts, radio news, and documentaries. (FREN 0220, 221, 222, 224, 230) 3 hrs. sem. **CMP**, **LNG**, **SOC**

FREN 0348 France: A Multicultural Society? (Spring 2021)

The debates over "national identity" and the "niqab affair" (2009-2010) demonstrated once again just how controversial the notion of cultural pluralism remains in France. Using an historical and sociological approach, we will examine the sources of French unease over such public displays of "private" difference. We will explore France's colonial past and immigration; different forms of socio-political mobilization around ethnic, religious, and sexual "identities"; measures adopted by the French to combat ethno-racial discrimination. Sources will include sociological texts, articles from French press, websites, and films. (FREN 0221 or FREN 0230 or by waiver). 3 hrs. lect./disc. **EUR**, **LNG**, **SOC**

FREN 0396 (Re)Constructing Identities: Francophone Colonial and Postcolonial Fiction (Spring 2021)

This course will focus on major works written in French by writers from North Africa, sub-Saharan Africa, and the Caribbean. We will explore the complex (re)construction of identities through fiction writing as it evolves from traditional folktale to political criticism, and as it shifts from colonial alienation to post-colonial disillusionment. We will also examine the emergence of cultural blending or métissage. (FREN 0221 or by waiver) 3 hrs. lect./disc. **AAL**, **CMP**, **LIT**, **LNG**, **SAF**

FREN 0500 Independent Project (Fall 2020, Spring 2021)

Qualified students may be permitted to undertake a special project in reading and research under the direction of a member of the department. Students should seek an advisor and submit a proposal to the department well in advance of registration for the term in which the work is to be undertaken. (Approval required)

FREN 0700 Senior Honors Essay (Fall 2020, Spring 2021)

(Approval required).

FREN 0701 Senior Honors Thesis (Fall 2020, Spring 2021)

Qualified senior majors who wish to be considered for Honors in French must submit a proposal well in advance of registration for the term in which the work is to be undertaken. (Approval required; see requirements above.)

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Program in Gender, Sexuality and Feminist Studies

Program in Gender, Sexuality, & Feminist Studies

The major requires a minimum of ten courses and comprises several discrete aspects, as outlined below.

Major requirements (10 courses total)
1. Core (5 courses):

- GSFS/SOCI 0191
- GSFS 0200
- GSFS 0289
- GSFS 0320
- GSFS 0435

2. Breadth Requirements (2 courses, one in each):

a. Critical Race Feminisms
b. National/Transnational Feminisms

3. Electives (2 courses bearing the GSFS prefix)

4. Senior Work (one-semester capstone or two-semester thesis)

Breadth Requirements **(two courses):** To ensure that students are conversant with and have some in-depth knowledge of the key concerns animating the field, they must take at least one course each from two breadth requirements. Courses meeting the breadth requirement can be found on the Gender, Sexuality, and Feminist Studies webpage.

Senior Work: All majors must enroll in GSFS 0700, a one-semester capstone, where they will complete a portfolio and an essay critically engaging with their accumulated knowledge about gender, sexuality and feminism. With permission, some majors may extend this to a two-semester thesis (GSFS 0710), conducting original research. GSFS 0710 provides the flexibility to produce a formal written document, a multi-media project such as a movie, or a creative activity such as a performance or an installation project.

Senior work provides one of the primary means through which students demonstrate their critical thinking skills and their ability to communicate complex ideas effectively and persuasively. This is the primary site through which learning goals will be assessed; advisors will provide their assessment in writing to the students. A public presentation is part of the senior work requirements.

Students must sign up for GSFS 0700 with the professor assigned to teach it that term.

Joint Major*:* The joint major is comprised of seven (7) courses each in the two disciplines/programs. For GSFS, the requirement includes:

- GSFS 0191 or GSFS 0289
- GSFS 0200

- GSFS 0320
- Breadth Requirements, 2 courses, one each in:

  a. Critical Race Feminisms

  b. National/Transnational Feminisms

- One elective bearing the GSFS prefix GSFS 0435 Feminist Engaged Research (unless taking an equivalent course in the other major and having received the director's permission to substitute it)
- Senior Work that combines both majors and is agreed upon by the advisers and department or program chairs (or designees) involved. GSFS 0700 (unless taking an equivalent course in the other major and having received the director's approval to substitute it)

Minor Requirements: The minor comprises five courses including:

- Two of the following courses: GSFS 0191, 0200, 0289
- GSFS 0320
- Two additional GSFS courses at least one of which fulfills the Critical Race Feminisms breadth requirement

GSFS 0114 Reading Women's Writing: Living a Feminist Life from Mary Wollstonecraft to Sara Ahmed (Fall 2020)

In this course we will investigate the tradition of women's writing in English from the sixteenth century to the present day, focusing on the complex relationships among writing, sexuality, race, and gender. We will consider the ways in which writers identifying as female respond to--and often subvert--traditional literary themes and conventions, looking critically as we do so at our own interpretive assumptions as readers. An organizing focus of our reading will be the articulation and/or suppression of female anger and other related emotions in a variety of repressive contexts. Though our focus will be primarily on the interpretation of literary works, we will also develop an awareness of relevant debates in feminist theory, from Mary Wollstonecraft's revolutionary contribution to notions of female education to Sara Ahmed's concept of the feminist "killjoy." Other texts may include: Jane Austen, *Mansfield Park*; Virginia Woolf, *Mrs Dalloway*; Toni Morrison, *Sula*; Tsitsi Dangarembga, *Nervous Conditions*; Brittney Cooper, *Eloquent Rage*; Carmen Maria Machado, *Her Body and Other Parties*; Kristen Roupenian, *You Know You Want This*, Rebecca Traister, *Good and Mad*: *The Revolutionary Power of Women's Anger*. 3 hrs. sem. **LIT** *(M. Wells)*

Cross-listed as: ENAM 0114 *

GSFS 0172 Writing Gender and Sexuality (Spring 2021)

In this course we will read, discuss, and write creative works that explore issues of gender and sexuality. Readings will include stories, poems, and essays by James Baldwin, Ana Castillo, Peggy Munson, Eli Claire, Alice Walker, Michelle Tea, Alison Bechdel, and others. The course will include writing workshops with peers and individual meetings with the instructor. Every student will revise a range of pieces across genres and produce a final portfolio. We will do some contemplative work and will engage with choreographer to explore movement in conversation with writing, gender, and sex. 3 hrs. lect. **ART**

GSFS 0191 Gender and the Body (Spring 2021)

What is your gender and how do you know? In order to answer this question, we need to consider how gender is known through biology, psychology, consumer capitalism, and our everyday embodiment. We will also look at how the meaning and performance of gender have changed over time from Classical Greece to Victorian England to the contemporary U.S. Throughout, we will consider how gender does not operate along, but is always entangled with, race, class, sexuality, nationality, and ability. 3 hrs. lect. **CMP**, **SOC**

GSFS 0200 Feminist Foundations (Fall 2020)

This course provides an introduction to the interdisciplinary field of gender, sexuality, and feminist studies. Focusing on the histories of feminism in the U.S., from the nineteenth century to the present, the course reveals the importance of gender and sexuality as analytical categories to understand social reality and to comprehend important areas of culture. Examining gender and sexuality always in conjunction with the categories of race and class, the course foregrounds how inequalities are perpetuated in different fields of human activity and the creative ways in which feminist movements have resisted these processes. 3 hrs. lect. **CMP**, **SOC** *(H. Gupta)*

GSFS 0205 Race, Rhetoric, and Protest (Fall 2020)

In this course we will study the theoretical and rhetorical underpinnings of racial protest in America. We will begin by studying movements from the 1950s and 1960s, moving from bus boycotts to Black Power protests, and will build to analyzing recent protests in Ferguson, Dallas, and New York. Readings will include texts from Charles E. Morris III, Aja Martinez, Shon Meckfessel, Gwendolyn Pough, and various articles and op-eds. Students will write analyses of historical and contemporary protest, op-eds about the local culture, and syntheses on the course readings. 3 hrs. Lect **AMR**, **CW**, **NOR**, **SOC** *(J. Sanchez)*

Cross-listed as: WRPR 0205 *

GSFS 0214 Modern and Contemporary Japanese Women Writers (Spring 2021)

A thousand years ago, women writers dominated the Japanese literary world. Then, for centuries, their skill was discounted, their works overlooked, and their voices silenced. Starting with the nineteenth century, however, Japanese women writers started to reclaim their grandmothers' heritage. They took the male-dominated literary world by assault, pushing boundaries, drawing on their literary legacy and reinventing it, resisting the label of "women's literature" so often pejoratively attached to their works. In this course we will explore these figures of resistance and their multilayered works in the context of the changing socio-political conditions that shaped women's positions in Japanese society.3 hrs. lect. **AAL**, **LIT**, **NOA**

Cross-listed as: JAPN 0214 *

GSFS 0223 Introduction to Gay and Lesbian Studies (Spring 2021)

This course will provide an introduction to the interdisciplinary field of gay and lesbian studies. We will explore three topics: queer theory, the construction and representation of homosexuality in history, and queer culture before and after Stonewall. Readings will include works by Michel Foucault, Judith Butler, Eve Sedgwick, George Chauncey, John Boswell, Lillian Faderman, Oscar Wilde, Radclyffe Hall, Michael Cunningham, and Tony Kushner. 3 hrs. lect./3 screen **SOC**

GSFS 0234 Philosophy and Feminism (Spring 2021)

This course will examine the contributions of various feminists and feminist philosophers to some of the central problems of philosophical methodology, epistemology, philosophy of science, metaphysics, and ethics. Are there gendered assumptions in operation in the way particular philosophical problems are framed? For example, do the politics of gender contribute to accounts of objective knowledge and rationality? Are some philosophical perspectives better suited to the goals of feminism than others? We will also examine the general relationship between feminism and philosophy, and we will reflect on the relevance of theorizing and philosophizing for feminist political practice. **CMP**, **PHL**

Cross-listed as: PHIL 0234 *

GSFS 0250 Gender in Japan (in English) (Fall 2020)

In this course we will examine changing ideas about gender and sexuality in Japan in the 10th through 20th centuries, with special attention to the modern period. Sources will include literary texts, films, and social/historical studies. We will discuss topics, including women's writing in classical Japan; the commercialization of sexuality in the 18th century; ideas of "homosexuality" in late-medieval and modern times; and women's social roles and political struggles in the 20th century. 3 hr. lect./disc. **AAL**, **LIT**, **NOA** *(L. White)*

Cross-listed as: JAPN 0250 *

GSFS 0268 Literature of Displacement: Forced Migration, Diaspora, Exile (Fall 2020)

In this course we will study postcolonial literature about migration, displacement, exile, and diaspora. Spurred variously by force, necessity and desire, migrants leave their homes and homelands with regret and with hope. Writers address the historical forces that propel these migrations: decolonization and neo-colonialism, globalization, warfare, dispossession, political violence, religious conflict, and environmental catastrophe. They experiment with narrative form and poetic language to explore the experiences of undocumented immigrant workers, exiles, refugees and well-to-do migrants. We will examine how displacement shapes constructions of identity, history, community and place in texts by writers such as Anzaldua, Ali, Darwish, Diome, Patel, Gomez Pena, Said, Rushdie, and others. (formerly ENAM 0462) 3 hrs. sem. **AAL**, **CMP**, **CW** (4 seats), **LIT**, **SOA**, **SOC** *(Y. Siddiqi)*

Cross-listed as: ENAM 0268 ENAM 0462 *

GSFS 0284 Modern Dance History in the United States: Early Influences to Postmodern Transformations (Fall 2020)

In this seminar we will focus on the emergence and development of 20th century American concert dance--especially modern and postmodern dance forms--from the confluence of European folk and court dance, African and Caribbean influences, and other American cultural dynamics. We will look at ways in which dance reflects, responds to, and creates its cultural milieu, with special attention to issues of gender, race/ethnicity, and class. Readings, video, and live performance illuminate the artistic products and processes of choreographers whose works mark particular periods or turning points in this unfolding story. Our study is intended to support informed critical articulations and an understanding of the complexity of dance as art. 3 hrs. lect./2 hrs. screen. **AMR**, **ART**, **HIS**, **NOR** *(K. Borni)*

Cross-listed as: DANC 0284 *

GSFS 0288 Writing Race and Class (Fall 2020)

In this course we will take a literary and intersectional approach to topics of race and class. Readings include stories, essays, and poems by modern and contemporary writers, including James Baldwin, Audre Lorde, Louise Erdrich, Gloria Anzaldua, Adrienne Rich, Amy Tan, Junot Diaz, and Eli Clare. Students will write short critical and creative pieces and will develop one longer essay, a critical narrative. We will engage in writing workshops and contemplative activities. Students will preferably have prior experience in discussing issues of race and class, although introductory theories will be made available to provide frameworks for discussion. **CW**, **LIT**, **SOC** *(C. Wright)*

Cross-listed as: WRPR 0288 *

GSFS 0289 Introduction to Queer Critique (Fall 2020)

In this course we will examine what is meant by queer critique through exploring the concepts, issues, and debates central to queer theory and activism both in the U.S. and around the world. We will work to understand how queerness overlaps with and is distinct from other articulations of marginalized sexual subjectivity. We will consider how desires, identities, bodies, and experiences are constructed and represented, assessing the ways in which queer theory allows us to examine sexuality and its raced, classed, gendered, geographic, and (dis)abled dimensions. Through engaged projects, we will practice how to translate and produce queer critique. 3 hrs. lect./disc. **AMR**, **CMP**, **NOR**, **SOC** *(H. Gupta)*

GSFS 0303 Outlaw Women (Spring 2021)

In this course we will read and discuss literary texts that feature women who defy social norms: daring survivors, scholars, “whores,” queers, artists, servants, revolutionaries. Texts include Powell’s *The Pagoda*, Duras’s *The Lover*, Lorde’s *Zami*, and Nafisi's *Reading Lolita in Tehran*. The course will take postcolonial and global approaches to desire and difference and to narratives of resistance, rescue and freedom. We will discuss rhetorical practices, such as écriture féminine, and readerships, such as women’s book groups, through a transnational lense. Students will develop their critical imaginations through discussion, contemplation, research, and analytical and creative writing. 3 hrs. lect. **CMP**, **CW**, **LIT**, **SOC**

GSFS 0304 Gender, Culture, and Power (Fall 2020)

This course offers a cross-cultural introduction to the issues involved in the study of women and gender. Such an endeavor raises a number of difficult and delicate issues. What explains the diversities and similarities in women's roles across societies? How do we assess women's status and power, and how do we decide which standards to use in doing so? What forces create changes in women's roles? What is the relationship between gender constructions and the nature of communities, economies, and even nations? Our analysis will concentrate on three primary domains: family and kinship, symbolic systems, and political economy. Course readings will focus primarily on non-Western societies. 3 hrs. lect./disc. **AAL**, **CMP**, **SOC** *(E. Oxfeld)*

Cross-listed as: ANTH 0304 *

GSFS 0308 Gender, Technology, and the Future (Spring 2021)

Can technology make the world more just and equitable? Scientific and technological inventions continually surprise us with visions of the future that promise an end to global inequality and injustice: cooking robots, microcredit apps, test–tube babies. We will center these powerful ideas to unpack how they galvanize raced and sexed bodies to articulate the future. Through an introduction to the interdisciplinary field of science and technology studies we will ask how technological imaginations and interventions invent new global futures, examine their impact and implications, and explore the possibilities for new technological horizons.3 hrs. sem. **SOC**

GSFS 0311 Gender, Sexuality, and Psychiatry in US History (Spring 2021)

In this seminar we will examine how gender and sexuality have intersected with the psychiatric profession since the nineteenth century, focusing mostly on women, and to a lesser extent gender-nonconforming people and men. Course material will be rooted in the U.S. but will occasionally also cover Europe and Latin America. Topics will include racialized notions of madness and hysteria, depression, psychoanalysis, “deviant” genders and sexualities, the rise of psychotropic prescription drugs, addiction, PTSD, eating disorders, and the medicalization of heterosexual women’s desire. Students will explore relevant historiography and will conduct oral histories of a related topic. 3 hrs. lect. **AMR**, **CMP**, **HIS**, **NOR**, **SOC**

GSFS 0313 White People (Fall 2020)

White people are too often invisible when it comes to having a race. In this course we will examine the formation of whiteness as an always present if often ignored, racial category, that came ashore with the Pilgrims. We will explore how whiteness became a foundational category for citizenship after the Civil War, when the Color Line was drawn through legal, cultural, and spatial practices. Finally, we will look at the formation of whiteness as a site of privilege, aggrieved entitlement, and even a category of "trash" in the more recent past. We will also situate whiteness, like all racial categories, as entangled with class, gender, sexuality, and nationality. (Not open to students who have taken FYSE 1357) 3 hrs. sem. **AMR**, **NOR**, **SOC** *(L. Essig)*

GSFS 0314 Sociology of Heterosexuality (Spring 2021)

Most people believe that heterosexuality is natural or rooted in biology and so never look very closely at it as a product of culture. In this course we will examine the artifacts, institutions, rituals, and ideologies that construct heterosexuality and the heterosexual person in American culture. We will also pay close attention to how heterosexuality works alongside other forms of social power, especially gender, race, and class. 3 hrs. lect. **AMR**, **NOR**, **SOC**

Cross-listed as: SOCI 0314

GSFS 0324 Ladies at Work: Global Politics of Care, Kinship, and Affect (Spring 2021)

Why are some forms of work valued more than others? When did people start believing entrepreneurs and innovators when they say, we should “Do What You Love”? Is work life separate from life at home and with friends? This class will journey across global care chains, drawing on feminist writings and ethnographic texts to examine conditions structuring middle class housework in the U.S., garment manufacturing in Sri Lankan factories, call center work in the Philippines, and elite startup innovations in India. Engaging questions of class, race, gender, and heterosexuality, we will learn about forms of feminized work and consider more just alternatives. 3 hrs. sem. **AAL**, **SOA**, **SOC**

GSFS 0325 American Misogyny (Spring 2021)

In this course we will explore the place of misogyny in U.S. media and politics. Early topics will include film noir, Cold War gender scapegoating, and lesbian pulp fiction. Subsequent topics will include the backlash against second-wave feminism, the rise of “post-feminism,” and the impact of reality TV and social media on feminist and antifeminist expression. We will conclude by examining how misogyny informs U.S. culture and politics in the Trump era. Throughout the course, we will consider how discourses of misogyny are inflected by white, cisgender, ableist, ageist, and class privilege. 3 hrs. lect. **AMR**, **HIS**, **NOR**

GSFS 0338 Gender and the Making of Space (Spring 2021)

In this course we will investigate the complex relationship between gender and architecture, examining how the design of the built environment (buildings, urban spaces, etc.) can reinforce or undermine ideas about the respective roles of women and men in society, from the creation of masculine and feminine spaces to the gendered nature of the architectural profession. By looking at both visual evidence and textual sources we will also uncover how the social construction of gender roles and gendered spaces are, and continue to be, inflected by race, class, and sexuality. Not open to students who have taken FYSE 1407. 3 hrs. sem. **ART**, **CMP**, **HIS**

Cross-listed as: HARC 0338 * FYSE 1407 *

GSFS 0353 Medieval Bodies (Spring 2021)

In this seminar we will examine how medieval European thinkers and artists theorized and visualized the body in ways that are vastly different from the ways in which the body is conceptualized today. Indeed, the “medieval body” was not a monolithic entity, but rather a shifting constellation of ideas and practices that waxed, waned, and coexisted throughout the Middle Ages. A body could be understood as an earthly body — sexed, fleshly, corruptible — as well as a heavenly and divine body, including Christ’s own. Our considerations will further contextualize representations of gendered, racialized, clerical, monstrous, animal, virginal, non-Christian, heretical, resurrected, and uncircumscribable bodies. Readings of the secondary literature will broaden readings of primary source materials, and our discussions will remain cognizant of gender-, sexuality-, race-, and performance-critical methods. There are no prerequisites for this course, but students will find it helpful to have some familiarity with either the history of art or with medieval history. 3hrs sem. **ART**, **EUR**, **HIS**

Cross-listed as: HARC 0353 *

GSFS 0358 Theories of Spectatorship, Audience, and Fandom (Fall 2020)

In this course we will explore a range of theoretical approaches to the study of spectatorship and media audiences. How has the viewer been theorized throughout the history of film, television, and digital media? How have theoretical understandings of the relationship between viewer and media changed in the digital age? How have gender, class, and race informed cultural notions of media audiences from silent cinema to today? We will consider key theoretical readings and approaches to studying spectators, viewers, audiences, fans, and anti-fans across the history of the moving image. (FMMC 0101 or FMMC 0102 or FMMC 0104 or FMMC 0254) 3 hrs. lect./disc./3 hrs. screen. **AMR**, **ART**, **CW**, **NOR**, **SOC** *(L. Stein)*

Cross-listed as: FMMC 0358 *

GSFS 0373 History of American Women: 1869-1999 (Fall 2020)

This course will examine women's social, political, cultural, and economic position in American society from 1869 through the late 20th century. We will explore the shifting ideological basis for gender roles, as well as the effects of race, class, ethnicity, and region on women's lives. Topics covered will include: women's political identity, women's work, sexuality, access to education, the limits of "sisterhood" across racial and economic boundaries, and the opportunities women used to expand their sphere of influence. 3 hrs lect./disc. **AMR**, **CMP**, **HIS**, **NOR** *(A. Morsman)*

Cross-listed as: HIST 0373 *

GSFS 0376 Politics of Identity (Fall 2020)

In this course we will introduce students to social diversity in the U.S. as it is reflected in four master identities: class, gender, race, and sexuality. We will examine what these identities mean for group membership, how group membership is attained or ascribed and maintained. Using both historical and contemporary materials, we will explore how identities have developed over time and how they have been challenged. In addition, we will examine how multiple identities intersect and the implications of these intersections have on individual identities. 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(C. Han)*

Cross-listed as: SOCI 0376 *

GSFS 0384 Women, Religion, and Ethnography (Fall 2020)

In this course we will focus on ethnographic scholarship regarding women in various religious traditions. We will begin with questions of feminist ethnography as proposed by Lila Abu-Lughod and then read a range of ethnographies focusing on women in different contexts, including a female Muslim healer in South India, Kalasha women in Pakistan, Bedouin Muslim women in Egypt, and Catholic nuns in Mexico. We will focus on how gendered and religious identities are constructed and intertwined, and what ethnography contributes to the study of both religion and gender. A prior course in Religion, Anthropology, or Gender, Sexuality, and Feminist Studies is recommended. 3 hrs. sem. **AAL**, **CMP**, **PHL** *(J. Ortegren)*

Cross-listed as: RELI 0384 *

GSFS 0393 A History of Gender in Early America (Spring 2021)

Exploration, conquest, settlement, revolution, and nation-building: no course in early American history should ignore such traditional topics. In this course, though, we will examine the various ways that gender shaped these historical processes. How, for example, did colonials' assumptions about manhood and womanhood affect the development of slavery in America? Or how did the Founding Fathers' identities as men inform their attitudes about democracy and citizenship? We will scrutinize historical documents, of both a private and public nature, and discuss several recent scholarly works on gender from 1600-1850 to consider these kinds of questions. Pre-1800. 2 hrs. lect./1 hr. disc. **AMR**, **CMP**, **CW**, **HIS**, **NOR**

Cross-listed as: HIST 0393 *

GSFS 0434 Feminist Epistemologies (Fall 2020)

In recent years, feminist epistemologies, such as feminist standpoint theories and feminist empiricisms, have been extremely influential in developing social theories of knowledge. They have also served as a crucial intellectual tool for feminist theorists trying to understand the connections between social relations of gender and the production of knowledge and ignorance. In this course we will investigate some of the major themes and challenges of feminist epistemologies and feminist philosophies of science: How is knowledge socially situated? What does it mean to look at knowledge through a gendered lens? How is objective knowledge possible according to feminist epistemologies? We will work to understand the influence of feminist epistemologies in contemporary philosophy. We will also consider how feminist epistemologies have guided research on gendered and raced relations. (Approval required; Open to philosophy and GSFS senior and junior majors. GSFS majors must have previously taken GSFS 0320, or permission.) 3 hrs. sem. **CMP**, **PHL** *(H. Grasswick)*

Cross-listed as: PHIL 0434 *

GSFS 0435 Feminist Engaged Research (Fall 2020)

What makes research feminist? How does one conduct feminist research? How has feminist research been useful to social movements and how have movements informed feminist research? What happens to feminist research when it moves to the public sphere? In this class students learn how to produce original feminist research—how to craft research questions, write a literature review, choose relevant methodologies, and collect and analyze qualitative data. In addition to writing a research paper, students will translate their research findings into an alternative (non-academic paper) format and for an audience beyond our classroom. (GSFS 0320 or instructor approval). 3 hrs. Sem. **AMR**, **CW**, **NOR**, **SOC** *(L. Essig)*

GSFS 0442 Transnational Feminist Conservation (Spring 2021)

In this course we explore a transnational feminist approach to conservation. We will start by delving into the masculinist history of conservation, and reviewing a set of theories and vocabularies focused on gender, as well as race, class, and ability as key sites of power that effect both human and non-human bodies and ecological processes, from coral reefs to the arctic tundra. We will compare case studies across multiple regions globally on topics such as conservation via population control, feminist food, community-based conservation, and feminist-indigenous approaches to inquiry. We will debate feminist science, examining the conflicting epistemic foundations of objective versus situated knowledge. We will hone our writing skills in a variety of genres including blogs, academic essays, poems, and zines. (ENVS 0211, ENVS 0215 or ENVS/GSFS 209) *(National/Transnational Feminisms)* 3 hrs. sem. **AAL**, **CMP**, **CW**, **SAF**, **SOC**

Cross-listed as: ENVS 0442 *

GSFS 0443 Readings in African History: Women and Gender in Africa (Fall 2020, Spring 2021)

This course takes up the challenge of understanding women's experiences and the role of gender in Africa's past. We will read from a wide variety of disciplinary perspectives and literary forms, including ethnographies, life histories, and fiction, in order to explore different methodological and interpretive approaches to these subjects. Themes will include: changes in the structure of patriarchy and women's status in the pre-colonial period, the gendered impact of colonial rule on African economies and ecologies, historical identities of masculinity and femininity, and gendered experience of postcolonial "development." Prior experience in African history is not required. (formerly HIST/WAGS 0421) 3 hrs. seminar **AAL** (Fall 2020), **HIS** (Fall 2020), **SOC** *(Fall 2020: J. Tropp)*

Cross-listed as: HIST 0443 *

GSFS 0458 The U.S. Politics of Race, Gender, and Class (Spring 2021)

Race, gender, and class have long shaped American politics. They have formed the basis for social movements, have structured institutions, and have affected the way political actors–from voters to activists to elected officials–have made their day-to-day decisions. What do political scientists know about the roles that race, gender, and class play in politics, separately and together, and what do we yet have to learn? (PSCI 0102 or PSCI 0104) 3 hrs. sem. *(American Politics)/* **AMR**, **NOR**, **SOC**

Cross-listed as: PSCI 0458 *

GSFS 0500 Independent Study (Fall 2020, Spring 2021)

(Approval required)

GSFS 0700 Senior Essay (Fall 2020, Spring 2021)

(Approval required)

GSFS 0710 Senior Thesis (Fall 2020, Spring 2021)

(Approval required)

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Department of Geography

Required for the Major: The geography major consists of 10 courses. All students who elect to major in geography must complete: GEOG 0100; GEOG 0120; GEOL 0112 or GEOL 0170 or GEOG 0150; six elective courses at the 0200 or 0300 level, at least one of which must be at the 0200 and one at the 0300 level; one 0400-level seminar. Only one of the 0200-level courses may be numbered 0250 or above. The electives and the seminar must be selected in consultation with, and approved by, the major advisor. At least four of the electives must be semester-long courses completed on the Middlebury Campus

Required for a Joint Major: The Geography Department frequently offers joint majors with Environmental Studies, Computer Science, and the History of Art and Architecture, and often students design joint majors with other departments and programs. The Geography Joint Major consists of 7 courses. All joint majors must complete: GEOG 0100; GEOG 0120 or GEOG 0150; four elective courses at the 0200 or 0300 level, at least one of which must be at the 0200 and one at the 0300 level; and one 0400 level seminar. All joint majors must complete joint senior work in Geography or an equivalent. ENVS 401 satisfies the required joint work for ENVS-GEOG joint majors. At least two of the electives must be semester-long courses completed on the Middlebury Campus. Students wishing to pursue a joint major with any department or program other than Environmental Studies must submit a formal proposal to their intended Geography advisor for departmental approval. The proposal must describe the proposed program of study, including educational rationale and specific courses to be taken. All electives and senior work must be approved by their advisor.

Required for a Minor: The Geography minor consists of 5 courses: GEOG 0100, GEOG 0120 or GEOG 0150, and three additional Geography courses.

Advanced Placement: One course credit will be awarded for an advanced placement (AP) score of 5 in human geography. Geography majors who receive a 5 on the AP exam may count this course credit as one 0200-level equivalent toward their major requirements, but are still required to complete GEOG 0100. The AP credit may not be used to satisfy joint major or minor requirements.

Departmental Honors: Students who seek to earn honors are required to write a two-credit honors thesis. They must have at least a 3.3 GPA in the major when they propose the thesis and must have a 3.5 GPA in the major, not including the thesis grade, to be considered for honors upon graduation. In order to complete a senior thesis, students must have a proposal approved by a primary thesis advisor and a secondary reader prior to registering for the first 0701 credit. Upon completion of the thesis, thesis students will present their work in a public lecture and defend the thesis in front of the departmental faculty. Thesis presentations and defenses will typically take place during the final week of classes or the examination period. Upon completion of the presentation and defense, the primary advisor and secondary reader will be responsible for evaluating and grading the thesis. It is strongly encouraged that students considering a thesis discuss their ideas with an advisor during the semester prior to registering for formal thesis credits. Honors will be conferred or denied on the basis of an evaluation of the thesis by the faculty and the student’s GPA in the major, as explained above.

GEOG 0100 Place and Society: Local to Global (Fall 2020, Spring 2021)

This course is an introduction to how geographers view the world and contribute to our understanding of it. Where do the phenomena of human experience occur? Why are they there? What is the significance? These questions are fundamental for explaining the world at different scales from the global to the local. Throughout, we will focus on the spatial basis of society, its continual reorganization through time, and how various human and environmental problems can be usefully analyzed from a geographic perspective. (Open only to first-year students and sophomores) 3 hrs. lect./3 hrs. lab **DED**, **SOC** *(Fall 2020: P. Nelson)*

GEOG 0120 Human Geography with GIS (Fall 2020, Spring 2021)

How do geographers study spatial interactions between people, society, and the environment? How do factors like race, ethnicity, age, and income relate to spatial cognition, movement, settlement, and social organization? How can geographic information systems (GIS) help geographers describe, understand, and explain these spatial patterns and processes? In this course we will study applications of GIS in human geography from local to global scales. Readings and case studies will introduce and contextualize methods for using mental maps, big data, regional statistics, and network models for inquiries of gerrymandering, gentrification, spatial justice, and other topics. Students will learn to gather geographic evidence, conduct analyses with GIS, and critically present results with cartographic layouts. 3 hrs. lect./3 hrs. lab. **DED**, **SOC** *(Fall 2020: J. Holler)*

Cross-listed as: ENVS 0120

GEOG 0202 Border Geographies (Fall 2020)

We live in an age of intense globalization with near instantaneous transfers of information and unprecedented movements of goods and people across the world. At the same time, there are more walls constructed between countries today than ever before. How do we explain this paradox of increasingly restrictive borders in an age of globalizing flows? In this course we will trace the history of political borders, critically evaluate theories in the scholarly literature about borders and flows, and investigate strategies, experiences, and imaginaries that produce different border-scapes and representations. Students will be actively engaged in unraveling the paradox of walls and flows through group research projects on specific border regimes around the world. 3 hrs. lect. **CMP**, **HIS**, **SOC** *(G. Herb)*

GEOG 0209 Human Geography of Hazards (Fall 2020)

Why do storms, earthquakes, and other hazards result in disastrous loss of life in some places, and only minor losses in others? In this course we will study human geographies of population, economic development, politics, and culture to explain the diverse outcomes from biophysical hazards. We will compare hazard geographies at the global, regional, and local scales using diverse approaches, including quantitative analysis, geographic information systems (GIS), and comparative case studies. We will examine how geographic analysis and technologies are used in disaster planning and response. We will practice applying human geography theory and methods to hazards research through practical exercises, exams, and research projects. 3 hrs. lect./lab **CMP**, **SOC** *(J. Holler)*

GEOG 0213 Population Geography (Spring 2021)

Through a combination of lectures, readings, and exercises, this course provides background and analytical experience in the spatial dimensions of population dynamics. Students will theoretically and empirically examine geographic variations in natural increase, domestic and international migration, infant mortality, disease, and hunger. Topics will include the intersection of settlement-environment-disease, circular migration systems, cultural influences on demographic processes, and linkages between international and domestic migration flows. We will also assess various policy options and their effectiveness in addressing important demographic issues. The exercises will expose students to the vast amount of population data publicly available and introduce them to techniques used to examine and assess population related issues. **AMR**, **DED**, **NOR**, **SOC**

GEOG 0215 Political Geography (Fall 2020)

Political relations within and between states do not occur in a vacuum. Rather, they are rooted in a specific and tangible geographic context. Political geography examines the interactions between this context and political processes at various geographic scales, ranging from the local to the global level. This course will focus primarily on the state and international level and will address issues such as the territorial exercise of power, state formation, nationalism, geopolitics, and international conflicts and cooperation. 3 hrs. lect. **SOC** *(G. Herb)*

GEOG 0219 Historical Geography of North America (Spring 2021)

North American society and landscape have been shaped by powerful forces over the last 500 years: conquest, disease, war, migration, the railroad and the farmer's plow, urban growth, and industrial transformation. In the process, new regional cultures formed while older societies were profoundly changed. In this course we will examine the geography of historical change in the United States and Canada, focusing on the themes of territorial control, human settlement, the inscribing of cultural and economic systems on the land, and North Americans' attitudes toward the places they inhabit. 3 hrs. lect. **AMR**, **HIS**, **NOR**, **SOC**

GEOG 0223 Geopolitics of Europe (Spring 2021)

The course examines what is arguably the most influential region in the world from a geographic perspective. First, we will chart the complex geopolitical dimensions of Europe in an attempt to understand what unites this highly differentiated region. Next, we will critically evaluate the main European political body, the European Union. Then we will analyze the political, social, economic, and environmental challenges that threaten to destabilize Europe. Finally, we will try to assess the degree to which political power in Europe has acquired a "European" dimension at the grassroots level by investigating political activism across borders of individual countries. Students will be actively involved in this study through a research project that culminates in a conference on the Future of Europe at the end of the semester. 3 hrs. lect. **EUR**, **SOC**

GEOG 0251 Landscape Evolution (Fall 2020)

In this course we will investigate processes that shape the Earth's surface, including weathering, mass movements, and the effects of water, wind, and ice. Students will examine how such processes govern the evolution of landforms in differing climatic, tectonic, and lithologic settings. Field and laboratory study will focus on the role of active surficial processes, as well as glaciation and other past events, in development of the landscape of west-central Vermont. We will also discuss implications for human activities and maintenance of natural systems. (GEOL 0112 or GEOL 0161 or GEOL 0170 or by waiver) 3 hrs. lect./3 hrs. lab **DED**, **SCI** *(J. Munroe)*

Cross-listed as: GEOL 0251 *

GEOG 0323 Open Source Geographic Information Science (Spring 2021)

In this course we will study geographic information science (GIS) with open-source software and critical GIS scholarship. In labs, we will practice techniques to include: data acquisition and preparation for analysis, spatial SQL database queries, automating analysis, spatial interpolation, testing sensitivity to error and uncertainty, and data visualization. We will read and apply critical research of GIS as a subject and with GIS as a methodology. Spatial data sources for labs and independent research projects may include remote sensing, micro-data, smart cities and open government data, and volunteered geographic information (e.g. OpenStreetMap and social media). (GEOG 0120) 3 hrs. lect./disc./3 hrs. lab **DED**

GEOG 0339 Practicing Human Geography (Spring 2021)

Whether you are planning to do your own research or want to be a more savvy consumer of research produced by others, it is useful to develop an understanding of the process of creating, discovering, and interpreting information about the world. In this course, students will explore quantitative and qualitative methodologies and the ways they can be used in human geography research. Through examples, exercises, and readings, students will learn the types of questions different techniques are designed to answer, how they work, and how to interpret the results. Students will gain hands on experience conducting surveys, generating and interpreting qualitative data, selecting and implementing statistical analyses, and writing research reports, to build competence and critical awareness in the practice and communication of research. (At least one course in geography, AP human geography credit, or instructor approval) 3 hrs. lect./3 hrs. lab **CW**, **DED**

GEOG 0351 Applied Remote Sensing: Land Use in Sub-Saharan Africa (Fall 2020)

Satellite images are indispensable for mapping forest cover, agriculture, and other land uses. Off-the-shelf image processing approaches struggle to capture features in complex landscapes: for example, fine-scale forest changes, urban sprawl, or small agricultural fields. In this course we will analyze extant remote sensing products for tree cover, urban areas, and cropland in sub-Saharan Africa. We will recreate those studies while critically reading about their social contexts. In labs we will learn image analysis approaches that could improve land use maps. As a final project, students will apply those approaches to re-analyze one of the case studies introduced during the semester. (GEOG150 or GEOL0222 or by instructor permission) GEOG 120 is recommended 3 hrs. lect./3hrs lab. **DED**, **SAF**, **SCI** *(N. Kimambo)*

GEOG 0413 Seminar in Population Geography: Migration in the Twenty-first Century (Fall 2020)

On average, 20 percent of the U.S. population changes residence in any given year, yet the scale, geography, motivations, and impacts of these movements are highly variable, making migration an incredibly pervasive and complex phenomenon. Furthermore, international immigration continues to attract considerable academic, political, and media attention. This course will explore contemporary approaches to migration studies emphasizing the important insights and contributions of geographers. How have geographers examined migration, and how have geographical approaches changed over time? In what ways has technology influenced the motivations, frequency, and implications of migration behavior? What are the different impacts of migration on individuals, households, and communities? And, what are the new innovations in scholarly approaches to migration? Through a combination of readings from contemporary migration literature, discussions, and analyses, students in this seminar will gain an appreciation for and understanding of this incredibly rich and complex phenomena of migration. (Open to second semester juniors and seniors only; others by waiver) 3 hrs. sem. *(P. Nelson)*

GEOG 0428 Seminar in Geographies of Climate Change Adaptation and Development (Spring 2021)

Rapid anthropogenic climate change cannot be fully mitigated, requiring humans to adapt to changing climate conditions. How will developing countries with high sensitivity and few resources manage to adapt to a changing climate? Geography is uniquely suited to research social dimensions of climate change by integrating human and physical geography in the traditions of hazards, human-environment systems, and political ecology research. In this seminar we will contrast approaches to three related concepts: resilience, vulnerability, and adaptation. We will review their use in current academic research and literature, international climate negotiations, and adaptation planning and financing in least developed countries. We will culminate the seminar with independent research into a particular case of planned climate change adaptation in a least developed country. (Senior majors only, or by approval) **AAL**, **CMP**, **SAF**, **SOC**

GEOG 0500 Independent Study (Fall 2020, Spring 2021)

A one-credit intensive research project developed under the direction of a faculty member. Junior majors only. (Approval Required) **WTR** (Spring 2021: 99 seats)

GEOG 0700 Senior Research (Fall 2020, Spring 2021)

A one-credit intensive research project developed under the direction of a faculty member. Senior majors only. (Approval Required)

GEOG 0701 Senior Thesis (Fall 2020, Spring 2021)

Students with a departmental GPA of 3.3 or higher are eligible to complete a two-credit senior thesis. In order to complete a senior thesis, students must have a proposal approved by a primary thesis advisor and a secondary departmental reader prior to registering for the first 0701 credit. Upon completion of the thesis, thesis students will present their work in a public seminar and defend the thesis in front of the departmental faculty. Thesis presentations and defenses will typically take place during the final week of classes or the examination period. Upon completion of the presentation and defense, the primary advisor and secondary departmental reader will be responsible for evaluating and grading the thesis. It is strongly encouraged that students considering a thesis discuss their ideas with an advisor during the semester prior to registering for formal thesis credits. (Approval only)

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Department of Geology

Required for the Major: The program for a geology major consists of 11 courses within the department and two additional cognate courses. These courses must include:

(1) One 0100-level course (we strongly recommend Environmental Geology (GEOL 0112), Elements of Oceanography (GEOL 0161) or Dynamic Earth (GEOL 0170).

(2) Four core courses: Bedrock Geology of Vermont (GEOL 0201), Mineralogy (GEOL 0211), and Structural Geology (GEOL 0281) are required, plus either Landscape Evolution (GEOL 0251) or Water Resources and Hydrogeology (GEOL 0255).

(3) Four elective courses (GEOL 0200-level or higher) chosen from the Middlebury geology curriculum. A maximum of two electives (total) can be GEOL 0500, courses taken off campus (with approval of the Chair), or a combination of the two.

(4) Two cognate courses (any Biology, Chemistry, or Physics laboratory course, or Math 0116 or higher).

(5) Two Credits of Senior Work (GEOL 0400 and GEOL 0700)

The two course senior sequence (GEOL 0400 and 0700) is the culmination of the geology major and consists of original research based on field and/or laboratory investigations by the student. The requirements for the major listed above are considered to be minimal. We suggest students planning a career in geology or the earth sciences take additional courses in other sciences and mathematics, as well as additional geology courses. The requirements for the major allow for considerable flexibility and thus students should consult regularly with their geology department advisors for the selection of specific courses.

Geology Minor: A total of five courses is required. The minor shall consist of one introductory course (either GEOL 0112 or GEOL 0161 or GEOL 0170), plus four upper-level courses, which must include GEOL 0201 or GEOL 0211. After completing an introductory geology course, students who intend to minor in geology should arrange specific upper-level courses with the geology chair or designate. Only one GEOL 0500 or off-campus course can count toward the minor.

Environmental Studies-Geology joint major*:* One introductory course chosen from among: GEOL 0112 (preferred), GEOL 0161, and GEOL 0170; one course from among GEOL/GEOG 0251, GEOL 0255, and GEOL 0257; one course from among GEOL 0201, GEOL 0211, and GEOL 0281; three GEOL 0200-level or higher courses, and two-term senior thesis focusing on geology and the environment: GEOL 0400/0700. Students wishing to pursue graduate study in geology are advised to take additional science and math courses and should consult with their advisor.

Departmental Honors in geology are based primarily on outstanding work in original research (GEOL 0700), and are related to course grades only in the context of guidelines in the College Handbook.

GEOL 0111 Natural Hazards (Fall 2020)

Despite increasing technological sophistication, modern civilization remains vulnerable to natural hazards such as earthquakes, volcanic eruptions, tsunamis, flooding, landslides, extraterrestrial impacts, and other events. In this course we will consider the geologic mechanisms behind these hazards, the societal implications of these hazards, and approaches to reducing risk. Case studies will be combined with exploration of fundamental geologic concepts to provide students a foundation for understanding risk exposure and evaluating approaches to hazard management. (Not open to students who have taken GEOL 0112 or 0170) 3 hrs. lect./1 hr. disc. **SCI** *(D. West)*

GEOL 0112 Environmental Geology (Fall 2020, Spring 2021)

Geological processes form the physical framework on which ecosystems operate. We require an understanding of the geological environment in order to minimize disruption of natural systems by human development and to avoid hazards such as floods and landslides. This course is an overview of basic tectonic, volcanic, and landscape-forming processes and systems, including earthquakes, rivers, soils, and groundwater. Environmental effects of energy, mineral, and water resource use, and waste disposal are also examined. Weekly field labs after spring break. Registration priority for first and second-year students. 3 hrs. lect./disc., 3 hrs. lab/field trips **SCI** *(Fall 2020: W. Amidon)*

GEOL 0161 Elements of Oceanography (Fall 2020)

Oceanographic exploration is introduced through study of ocean basins and continental margins. The multidisciplinary nature of oceanography is emphasized by using principles of marine geology, geophysics, geochemistry, and biology to address contemporary problems. Techniques of data collection and analysis are taught aboard the College's research vessel, R/V Folger, located on Lake Champlain. 3 hrs. lect./3 hrs. lab/field trips **DED**, **SCI**

GEOL 0211 Mineralogy (Spring 2021)

This course covers the nature, identification, composition, and meaning of minerals and mineral assemblages. Introduction to crystallography, hand-specimen identification, optical mineralogy, x-ray analysis, and electron microbeam analysis. Laboratory: study of minerals in hand-specimen and under the polarizing microscope; use of x-ray diffraction and electron microscopy in mineral analysis. (One geology course) 3 hrs. lect./3 hrs. lab **SCI**

GEOL 0251 Landscape Evolution (Fall 2020)

In this course we will investigate processes that shape the Earth's surface, including weathering, mass movements, and the effects of water, wind, and ice. Students will examine how such processes govern the evolution of landforms in differing climatic, tectonic, and lithologic settings. Field and laboratory study will focus on the role of active surficial processes, as well as glaciation and other past events, in development of the landscape of west-central Vermont. We will also discuss implications for human activities and maintenance of natural systems. (GEOL 0112 or GEOL 0161 or GEOL 0170 or by waiver) 3 hrs. lect./3 hrs. lab **DED**, **SCI** *(J. Munroe)*

Cross-listed as: GEOG 0251

GEOL 0255 Surface and Ground Water (Spring 2021)

Fresh water is the most fundamental resource sustaining life on the continents. This course is an introduction to the study of water and its interactions with the geologic environment. Basic hydrological processes such as precipitation, stream flow, and the subsurface flow of ground water are analyzed by quantitative methods. Climatic and human-induced changes in the hydrological cycle are examined, and current issues and policies are discussed in light of the increasing demands and impacts of a technological society on water resources and associated natural systems. (ENVS 0112 or any 0100-level Geology course) 3 hrs. lect./3 hrs. lab **DED**, **SCI**

GEOL 0281 Structural Geology (Fall 2020)

Plate tectonics and mountain building processes result in deformation of the Earth's crust. Structural geology is the study of this deformation, and this course will examine the many types of structures found in crustal rocks (folds, faults, etc.) and explore the forces responsible for their formation. Laboratory exercises will emphasize the hands-on description and analysis of structures in the field, as well as the practical aspects of map interpretation and computer analysis of structural data. (GEOL 0112, or GEOL 0161, or GEOL 0170 or by waiver) 3 hrs. lect., 3 hrs. lab/field trips **CW**, **SCI** *(D. West)*

GEOL 0302 Climate and Earth’s History (Spring 2021)

In this course we will discuss how external forces and internal feedbacks within the Earth system govern climate. Specific topics will include orbital variability, changes in ocean circulation, CO2 uptake in terrestrial ecosystems, and molecular vibrational controls on infrared absorption and Earth's heat budget. We will then examine climate change through Earth's history as evidenced by a number of geologic proxies including the sedimentary record, ice cores, isotopic records, glaciers, soils, and tree rings. Ultimately, our improved understanding of past climates will provide a context within which to discuss future changes to come. (Formally GEOL 0221) (one GEOL course, or by waiver; open to Juniors and Seniors by waiver only) 3 hrs. lect. **SCI**

GEOL 0322 Remote Sensing in Environmental Science (Fall 2020, Spring 2021)

In this course we will discuss fundamentals of air- and space-based remote sensing applied to geological and environmental problems. The core goal is to understand how different wavelengths of electromagnetic radiation interact with Earth's surface, and how images collected in these different wavelengths can be used to address questions in the Earth sciences. Lectures will present theory and basics of data collection as well as applications in hydrology, vegetation analysis, glaciology, tectonics, meteorology, oceanography, planetary exploration, and resource exploration. Labs will focus on commonly-used imagery and software to learn techniques for digital image processing, analysis and interpretation in Earth science. (Formerly GEOL 0222) (one GEOL course, or by waiver) 3 hrs. lect., 3 hrs lab **SCI** (Fall 2020) *(Fall 2020: W. Amidon)*

GEOL 0350 Arctic and Alpine Environments (Spring 2021)

In this course we will focus on the physical processes and environmental issues unique to arctic and alpine environments. Topics will include cold-climate weathering and landforms, ecosystem adaptations to cold environments, and snow and snowpack hydrogeology. The goal is to provide a strong scientific grounding through which contemporary issues involving arctic and alpine regions can be understood. Laboratory exercises will include field trips to the surrounding mountains, as well as analysis of datasets from other alpine and high latitude environments. (Formally GEOL 0250) (any 0100-level GEOL or GEOG course, or by waiver) 3 hrs. lect., 3 hrs. lab **DED**, **SCI**

GEOL 0352 Glacial and Quaternary Geology (Spring 2021)

In this course we will examine the causes and effects of glaciation along with the characteristics that make the Quaternary Period unique in geologic time. Topics will include glaciology, glacial erosion and deposition, glacier reconstruction, and techniques for interpreting and dating the Quaternary stratigraphic and paleoclimatic record from diverse terrestrial, lacustrine, and marine archives. Consideration also will be given to how severe climatic fluctuations impacted nonglacial environments. An overnight weekend field trip at the end of the semester will introduce students firsthand to alpine glacial landforms. (Any 0100-level geology or geography course, or by waiver) 3 hrs. lect., 3 hrs. lab **DED**, **SCI**

GEOL 0400 Senior Thesis Research Seminar (Fall 2020)

This seminar will focus on methods and strategies for completing advanced geological research and provides a springboard for senior thesis research. Topics will include field and laboratory techniques, primary literature review, and scientific writing. Students taking this course are expected to be simultaneously working on the early stages of their senior thesis research. During the semester students will present a thesis proposal and the seminar will culminate with each student completing a draft of the first chapter of their senior thesis. GEOL 0400 is required of all geology majors. 3 hrs. disc. or lab *(P. Ryan)*

GEOL 0500 Readings and Research (Fall 2020, Spring 2021)

Individual or group independent study, laboratory or field research projects, readings and discussion of timely topics in earth and environmental science. (Approval only)

GEOL 0700 Senior Thesis Research (Fall 2020, Spring 2021)

Upon completion of GEOL 0400, all senior geology majors will continue their independent senior thesis research by taking one unit of GEOL 0700. This research will culminate in a written thesis which must be orally defended. (Approval only)

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Department of German

Requirements for the Major: Students are normally required to complete eight courses in German, above GRMN 0299, including at least one advanced level seminar (above GRMN 0399) or a 0700 level honors thesis during the senior year. Where appropriate, one course may be taken in English. At the beginning of each term a placement test is administered for incoming students to determine which course would be most suitable for their level of competence. The department expects that majors will spend at least one semester of study in a German-speaking country before graduating. Normally, they will spend one or two semesters at the Freie Universität in Berlin, , the Universität Potsdam and/or the Johannes Gutenberg-Universität in Mainz. Before enrolling in one of our Schools in Germany, students must complete two courses at the 0300-level. For more information, please consult Study in Germany.

Honors: To be a candidate for honors, students must have an average of at least B+ in German. Honors work (a senior thesis or project) is normally done during a student's last year at Middlebury.

Minor in German: The German minor consists of a sequence of five courses, taught in German, starting at or above the 0200-level. At least three of those courses must be at the 0300-level or higher. First-year students who place above the 0200-level in the placement test must take at least one 0400-level course as part of their minor. One course may be satisfied through advanced placement (AP) credit in combination with a departmental placement test. Students who receive AP credit start their minor on the 0300-level.

Credit for Advanced Placement is given for scores of 4 or 5, a high score on the departmental placement test, and a placement conference with the student. In addition, the student must successfully complete at least one course above the 0200-level in the department, *taught in German*, to qualify for AP credit.

Germany: The Middlebury School in Germany has sites located in Berlin, Potsdam and Mainz.

GRMN 0101 Beginning German (Fall 2020)

Geared toward quick and early proficiency in comprehension and free expression. Grammatical structures are practiced through group activities and situational exercises (e.g., role-playing games and partner interviews). Active class participation by students is required and will be counted toward the final grade. Since this is an integrated approach, there will be laboratory assignments but no special drill sections. Classes meet five times a week. Students take GRMN 0102 as their winter term course. 5 hrs. sem. **LNG** *(F. Feiereisen)*

GRMN 0103 Beginning German Continued (Spring 2021)

This course is a continuation of GRMN 0101 and 0102. Increased emphasis on communicative competence through short oral presentations and the use of authentic German language materials (videos, songs, slides). Introduction to short prose writings and other documents relating to contemporary German culture. Five class meetings per week. (GRMN 0101 plus winter term GRMN 0102, or equivalent) 5 hrs. lect. **LNG**

GRMN 0111 Accelerated Beginning German (Spring 2021)

This class is aimed at students who wish to begin the study of German on the fast lane. In one semester, we will cover a year's material, the equivalent of GRMN 0101, 0102, and 0103. We will develop all four skills in an intensive, immersion-style environment, allowing students to continue German in the regular second-year classes in the fall. Classes meet five times per week, including two 75-minute meetings on Tuesdays and Thursdays, and an additional drill session. Students are expected to fully participate in all departmental activities. No prerequisites. 6 hr lect./disc./1 hr. drill **LNG**

GRMN 0201 Intermediate German (Fall 2020)

GRMN 0201/0202 is a culture-based intermediate language sequence that focuses students' attention on intercultural aspects of language acquisition, vocabulary expansion, reading and writing strategies, and a review of grammar. It moves from a focus on issues of individual identity and personal experiences to a discussion of Germany today (GRMN 0201), explores national identity in Germany, Austria, and Switzerland, and supplies an overview of cultural history, literary achievements, and philosophical traditions in the German-speaking world (GRMN 0103 or equivalent, or GRMN 0111) 4 hrs. sem. **EUR**, **LNG** *(N. Eppelsheimer, B. Matthias)*

GRMN 0202 Intermediate German Continued (Spring 2021)

GRMN 0201/0202 is a culture-based intermediate language sequence that focuses students' attention on intercultural aspects of language acquisition, vocabulary expansion, reading and writing strategies, and a review of grammar. It moves from a focus on issues of individual identity and personal experiences to a discussion of Germany today (GRMN 0201), explores national identity in Germany, Austria, and Switzerland, and supplies an overview of cultural history, literary achievements, and philosophical traditions in the German-speaking world (GRMN 0201) 4 hrs. sem. **EUR**, **LNG**

GRMN 0310 Literary Responses to the Holocaust (in English) (Spring 2021)

Can the Holocaust be described in words? Can images represent the horrors of Auschwitz? In this seminar we will explore the literary and artistic representations of the Shoah, their mechanisms, tensions, and challenges. We will approach the issues of Holocaust representations by considering a significant array of texts that span genres, national literatures, time, narrative and poetic styles, and historical situations. Readings will include theoretical texts on witnessing, memory, post-memory, and trauma by authors such as Sherman Alexie, Jean Amery, Hannah Arendt, Ilan Avisar, Tadeusz Borowski, Paul Celan, Chaim Kaplan, Ruth Kluger, Primo Levi, Bernhard Schlink, Art Spiegelman, Peter Weiss, and Eli Wiesel. 3hrs. sem. **CMP**, **EUR**, **LIT**

GRMN 0360 German in Its Cultural Contexts (Fall 2020)

The course invites students to explore social and cultural developments in Germany from 1871 to the present day from a historical perspective. We begin by examining Germany's birth as a nation state and end by looking at recent events in today's reunified Federal Republic. The course aims to lay the foundation for a critical understanding of German culture in its contemporary global context. Writing the biographies of fictional Germans throughout the semester, students will follow the radical changes in German society during the (long) twentieth century and gain an understanding how 'ordinary' people in Germany might have lived. A montage of written and visual materials will expose students to elite, mainstream, and marginal cultures alike. Taught in German. (Formerly GRMN 0310) 3 hrs. lect. **EUR**, **HIS**, **LNG** *(B. Matthias)*

GRMN 0500 Independent Study (Fall 2020, Spring 2021)

(Approval only)

GRMN 0700 Honors Project (Fall 2020, Spring 2021)

(Approval only)

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Global Health Minor

The purpose of the Global Health minor is to encourage students to take an interdisciplinary perspective when thinking about global health problems. The minor in Global Health is more flexible than many other majors and minors on campus. Students design a course of study within the minor that fits their own educational goals. Choosing courses therefore requires substantial thought and planning on the part of the student.

The minor in Global Health is available to students who complete the courses listed below. No course for the minor may also count towards a student's major. No more than two courses taken from the same department may count towards the minor.

All students must take a total of five courses for the minor:

(1) the core course:

SOAN 0267 Global Health or INTD 0257 Global Health

(2) One of the following methods courses (if the methods requirement is met through coursework for a major, students may substitute an additional elective in place of a methods class):

ANTH 0302 The Research Process: Ethnography and Qualitative Methods
BIOL 0211 Experimental Design and Statistical Analysis
ECON 0210 Economic Statistics
GEOG 0120 Human Geography with GIS
GEOG 0150 ENV Geography with GIS
MATH 0116 Introduction to Statistical Science
PSCI 1130 Statistics for Social Sciences
PSYC 0201 Psychological Statistics
SOCI 0385 Social Statistics (formerly SOAN 0385)
AP credit for Statistics

(3) Three elective courses; no more than one course may be a 0100-level course. Classes that count as electives are listed on the "Courses" tab.

Many other appropriate courses exist on campus, depending on the educational goals of a particular student. Courses may be substituted for the methods or elective courses with the approval of the program director. Approval requires submission of a petition form found **here**. Approval of a course for minor credit requires the student to show that they made connections between the course material and their study of Global Health, for example by writing a final paper on a public health topic. Students must turn in this paper or other approved course material for review for credit.

To declare the minor, submit the following to the Program Director: (1) a minor declaration form (http://www.middlebury.edu/offices/academic/records/Forms/stuforms) and (2) a 200-500 word statement explaining how the classes you chose fit together and further your educational goals within the field of Global Health. To declare the minor, these materials must be submitted at least one week before the end of the add period of your seventh semester at Middlebury.

In addition, students minoring in Global Health are strongly encouraged to take advantage of Middlebury’s resources by studying abroad, preferably in a program with health-related courses, and by becoming proficient in a foreign language.

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Hebrew Minor

Middlebury offers a minor in Modern Hebrew. Courses taken in the summer at the Middlebury School of Hebrew will be granted credit toward the minor. Courses taken elsewhere may be granted credit with the permission of the director of the Program in Modern Hebrew. Students should plan the minor knowing that beginning Modern Hebrew is only offered in the fall term.

Requirements for Minor in Modern Hebrew (HEBM)
(I) Two content courses with HEBM designation at the 0200 level or higher. One or both of these courses may be on Hebrew culture or literature in translation (taught in English), and/or one may be taken abroad in Hebrew and must be approved by the Director of the Program in Modern Hebrew. When appropriate, students may substitute independent study (HEBM 0500) for one of the courses required for the minor.

Students interested in studying Classical Hebrew should contact Professor Robert Schine.

HEBR 0500 Independent Study (Fall 2020, Spring 2021)

Approval required.

HEBM 0101 Introductory Modern Hebrew I (Fall 2020)

In this course students will become acquainted with the basic grammatical and formal concepts necessary for the comprehension of the Modern Hebrew language. We will focus on the fundamentals of reading, writing, listening, and speaking, with a particular emphasis placed on the acquisition of conversational ability. We will also make use of audiovisual, situational, and cultural exercises, and give attention to the elements of Classical form and style that provided a foundation for Modern Hebrew, which was revived as a vernacular in the late 19th century. No previous knowledge of Hebrew is required. 6 hrs. **LNG** *(F. Alasiri)*

HEBM 0103 Introductory Modern Hebrew III (Spring 2021)

This course is a continuation of Modern Hebrew 0102 which will be offered during winter term. Students will further develop their skills in written and oral communication, and will expand their knowledge of the cultures of modern Israel through both audio and visual media. (HEBM 0102 or equivalent) 5 hrs. lect. **LNG**

HEBM 0201 Intermediate Modern Hebrew I (Fall 2020)

This course is a continuation of HEBM 0103. Using authentic audio and visual materials, we will place emphasis on developing the skills required for intermediate-level written and communicative competence. In addition, students will gain a deeper understanding of the forms and style of Classical Hebrew, both of which are necessary for formal composition, interaction, and reading comprehension in Modern Hebrew. (HEBM 0103 or equivalent) 5 hrs. lect/disc **LNG** *(O. Tzuriel)*

HEBM 0237 The Israeli-Palestinian Conflict in Film (Fall 2020)

In this course we will examine representations of the ongoing Israeli-Palestinian conflict in a wide range of cinematic works and the ways in which films reflect and construct social, cultural, and political realities. Following an introductory unit on Palestinian and Jewish nationalisms, we will address core issues of the conflict (e.g., refugees, settlements, and Jerusalem), everyday life under occupation, and forms of resistance. By discussing fiction films and documentaries we will critically explore social processes, diverse ideologies, unique point of views, and various Israeli and Palestinian narratives. The course is based on lectures, film screenings, class discussions, and student presentations. 3 hrs. lect. **AAL**, **CMP**, **MDE**, **SOC** *(Z. Gazit)*

Cross-listed as: JWST 0237

HEBM 0500 Independent Project (Fall 2020, Spring 2021)

(Approval Required)

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Department of History

All students declaring a History major or joint major will adopt the requirements detailed below. Students choosing a History major or a joint major with a track in History of Science Medicine and Technology (HSMT) will adopt the requirements specific to History of Science Medicine and Technology (HSMT) detailed below.

Required for the Major in History: The History Major with a specific geographical focus within the history department provides a broad understanding of the development of human societies and cultures throughout history and around the world. Students will have an opportunity to examine how governments, societies, and individuals have shaped and have shaped societies in specific geographical regions of interest to them.

Students must take 11 history courses before graduation including: (1) at least one but no more than three 0100-level courses; (2) three courses, 0200-level or above, in three of the following seven areas: North America; Europe; Latin America and the Caribbean**;** the Middle East and North Africa; Sub-Saharan Africa; South and Southeast Asia, including the Pacific; North Asia including China, Korea, Japan, and the Asian Steppes; (3) two 0400-level reading seminars in two different geographical regions, one of which may be trans-regional for those not writing a thesis OR one 0400-level reading seminar for those writing a thesis; (4) HIST 0600.

Of the eleven courses required for this track, one must be comparative and two must deal primarily with the period before 1800. Courses which qualify as comparative or for the pre-1800 requirement are identified in the course descriptions. Students planning to spend all or part of the junior year abroad should consult with the department before the second semester of their sophomore year. Students planning to go abroad or away for a full year may request to have a maximum of three courses count towards the major. Students planning to go abroad for one semester may request to have a maximum of two courses count towards the major. Upon their return to Middlebury, students must fill out the transfer of credit form from the Registrar’s office and have it signed by the chair as soon as possible. Students may take a maximum of two cross-listed HIST/CLAS courses to fulfill History requirements. HIST 0400 and 0600 seminars must be taken in the history department at Middlebury. Cognates or other departmental seminars will not be accepted.

Honors Thesis: Students who have earned a minimum 3.5 GPA in at least 5 history department courses (including up to two courses taken abroad) and at least a B+ in HIST 0600, are eligible to write a two-term honors thesis (HIST 0700). See information below.

Advanced Placement/International Baccalaureate**:** Up to two IB credits or AP history courses, with a grade of 4 or 5, can count toward the major requirement of 11 history courses, but cannot be used to fulfill any specific requirements listed above. Students counting AP European History may not count HIST 0103 or 0104 toward the major, and those counting AP U.S. History may not count HIST 0203 or 0204 toward the major.

Joint Major Requirements: Students must take at least eight courses in history, chosen in consultation with a faculty advisor. Cognates are not allowed. A student must take: (1) at least one course in two of the following seven areas: North America; Latin America and the Caribbean, Europe; Middle East and North Africa; Sub-Saharan Africa; South, Southeast Asia,

and the Pacific; North Asia including China, Korea, Japan, and the Asian Steppes and one course that is trans-regional or comparative. The choice of courses should depend upon the need to achieve an intellectual coherence and integrity in the student's program; (2) two 0400-level reading seminars, one of which must be taken in the senior year and enable students to combine work from both disciplines, or one 0400-level reading seminar for those writing a thesis. (3) HIST 0400 and 0600 seminars must be taken in the history department at Middlebury. Cognates or other departmental seminars will not be accepted. No more than two courses may be taken abroad or at another undergraduate institution.

Joint Major Honors Thesis: Students who have earned a minimum 3.5 GPA in at least 5 History department courses (including up to two courses taken abroad) and at least a B+ in HIST 0600 may choose to write a two-term honors thesis (HIST 0700). Joint majors choosing to write a thesis must combine the skills of both major disciplines in their thesis.

***Advanced Placement/International Baccalaureate*:** AP and IB credit cannot be counted towards a joint major in history.

Minor Requirements: Students must take at least five courses, including one 0100-level course, one 0200-level course and one 0400-level course. Students are strongly encouraged to take HIST 0600 as one of the elective courses. HIST 0400 and 0600 seminars must be taken in the history department at Middlebury. No more than two courses may be taken abroad or at another undergraduate institution. Cognate courses cannot be counted towards the joint minor. AP and IB credit cannot be counted towards a minor in history.

HIST track in History of Science, Medicine, and Technology (HSMT)

The History of Science, Medicine, and Technology Track within the history department provides a broad understanding of the development of science and its contested role in society throughout history and around the world. Through this track, students will have an opportunity to examine how governments, societies, and individuals have shaped and been shaped by science, medicine, and technology.

Students must take 11 history courses before graduation including: (1) at least one but no more than three 0100-level courses; (2) five courses that focus on HSMT. At least 4 of these courses must be HSMT-designated courses within the history department. In consultation with and at the discretion of the history department Chair, 1 course may be a cognate from another department, from another college or university, or from study abroad; (3) two 0400-level reading seminars for those not writing a thesis OR one 0400-level reading seminar for those writing a thesis. When possible 400-level seminars should be in HSMT. A senior thesis will count as 1 HSMT course if on a relevant HSMT topic. HIST 0400 and 0600 seminars must be taken in the history department at Middlebury.

Of the eleven courses required for this track, one must be comparative and two must deal primarily with the period before 1800. Courses which qualify as comparative or for the pre-1800 requirement are identified in the course descriptions. Students planning to spend all or part of the junior year abroad should consult with the department before the second semester of their sophomore year. Students planning to go abroad or away for a full year may request to have a maximum of three courses count towards the major. Students planning to go abroad for one semester may request to have a maximum of two courses count towards the major. Upon their return to Middlebury, students must fill out the transfer of credit form from the Registrar’s office and have it signed by the chair as soon as possible. Students may take a maximum of two cross-listed HIST/CLAS courses to fulfill History requirements. HIST 0400 and 0600 seminars

must be taken in the history department at Middlebury. Cognates or other departmental seminars will not be accepted.

Honors Thesis: Students who have earned a minimum 3.5 GPA in at least 5 history department courses (including up to two courses taken abroad) and at least a B+ in HIST 0600, are eligible to write a two-term honors thesis (HIST 0700).

***Advanced Placement/International Baccalaureate*:** Up to two IB credits or AP history courses, with a grade of 4 or 5, can count toward the major requirement of 11 history courses, but cannot be used to fulfill any specific requirements listed above. Students counting AP European History may not count HIST 0103 or 0104 toward the major, and those counting AP U.S. History may not count HIST 0203 or 0204 toward the major.

Joint Major Requirements in HSMT Track: students must fulfill the following requirements: (1) 8 courses in history, as specified under "Joint Major Requirements"; (2) of the 8 courses, 5 must focus on HSMT, and one must be a 400-level seminar taken in the history department or a senior thesis, which may count as 1 HSMT course; (3) in consultation with and at the discretion of the history department Chair, 1 course may be taken abroad. Cognates or other departmental seminars will not be accepted. AP and IB credit cannot be counted towards a joint major in HSMT track.

Joint Major Honors Thesis: Students who have earned a minimum 3.5 GPA in at least 5 History department courses (including up to two courses taken abroad) and at least a B+ in HIST 0600 may choose to write a two-term honors thesis (HIST 0700). Joint majors choosing to write a thesis must combine the skills of both major disciplines in their thesis.

The department does not offer a minor in HSMT.

Courses in the History department

History course numbering: As a rule, the History Department has no pre-requisites except for in designated 400-leve courses. Courses are not arranged hierarchically; they are arranged thematically and chronologically, with the 100-level courses being the broadest and the 300 and 400-level courses being the most specific in subject matter.

HIST 0100-Level Courses
These courses deal with events and processes that affect human societies over long periods of time and across broad geographical areas not confined to national boundaries. Courses include components that act as introductions to the field of history.

HIST 0200-Level Courses
These are lecture courses that deal with a single cultural or national entity, or a clearly related group of such entities, over a substantial period of time (usually a century or more).

HIST 0300-Level Courses
These courses, for the most part, are topically focused courses. Many of them are lecture courses and some are taught in a seminar format. These are not, however, seminars that fulfill the reading seminar requirement.

HIST 0400–Level Reading Seminars
These topically based seminars, which usually meet once a week involve reading and analyzing texts, discussions, student presentations, historiography and writing or producing a final project. The history department offers many types of seminars: seminars on a topic within a

given country or region; transnational or global seminars, digital humanities seminars and public history seminars. Seminars are open to all students except those designated for seniors and juniors. See course description for requirements. A list of seminars is available from the department.

HIST 0600: Writing History
In this course students discuss historical methods and writing strategies to create convincing historical narratives. With the approval and guidance of the professor, students complete a 20-25-page research paper based on primary and secondary sources. Students take this course in the fall of their junior year or with permission in the spring. If students are away for the entire junior year, they can take the course in the fall of their senior year.

HIST 0700 & 0701 Senior Honors Thesis
If students have earned a minimum 3.5 GPA in at least 5 History department courses (including up to two courses taken abroad) and at least a B+ in HIST 0600, they may choose to write a two-term honors thesis (HIST 0700). Writing a thesis is a prerequisite for departmental honors. Students must submit a thesis proposal to the department chair and coordinator one week prior to course registration for the term in which the thesis is to be started. Students opting to write a thesis must also take at least one 0400-level reading seminar prior to graduation, but preferably before their last semester at Middlebury. Students may not write a thesis in the same semester that they are taking HIST 0600. If students submit a request to write a senior thesis in the semester in which they are taking HIST 0600, they may receive conditional approval pending the completion and grade in HIST 0600.

Approved students will write a two-term thesis under an advisor in the area of their choosing. The department strongly encourages students to write their theses during the fall and winter terms. Winter/Spring theses are also acceptable with the permission of the chair and the theses advisor. On rare occasions and for compelling reasons, a student may initiate a thesis in the spring of an academic year and finish in the fall of the following year with the approval of the department. All students beginning their thesis in a given academic year must attend the Thesis Writers' Workshops held in the fall and winter of that year. Further information about the thesis is available from the department.

Overall History Honors: To receive departmental honors, high honors*, or highest honors** students must have completed an honors thesis (HIST0700) with a grade of B+, A-*, or A** and must have achieved an overall average of at least 3.5, 3.67*, or 3.75** in all departmental courses.

HIST 0100-Level Courses
The 0100-level courses (0100-0199) deal with events and processes that affect human societies over long periods of time and across broad geographical areas not confined to national boundaries. These courses include components that act as introductions to the field of history.

HIST 0200-Level Courses
These are lecture courses that deal with a single cultural or national entity, or a clearly related group of such entities, over a substantial period of time (usually a century or more).

HIST 0300-Level Courses
These courses, for the most part, are topically focused courses. Many of them are lecture courses and some are taught in a seminar format. These are not, however, seminars that fulfill the reading seminar requirement.

HIST 0400–Level Reading Seminars
Unlike the courses below the 0400 level, which are primarily lecture courses, these courses are reading seminars on particular periods or topics. They are open to all students, although in cases of overcrowding, history majors will be given priority. First-year students are admitted only by waiver.

HIST 0600 Research Seminar
All history majors are required to take HIST 0600 their junior fall or, if abroad at that time, their junior spring or senior fall semester. In this course students will conceive, research, and write a work of history based on primary source material. After reading and discussion on historical methods and research strategies, students will pursue a paper topic as approved by the course professors.

HIST 0700 and 701: Senior Independent Study I & II
All senior history majors will write a two-term thesis under an advisor in the area of their choosing. The department encourages students to do their theses during the fall (700) and winter terms (701). Fall/spring theses are also acceptable and, with permission of the chair, winter/spring. On rare occasions, with departmental approval given for compelling reasons, a thesis may be initiated in the spring of an academic year and finished in the fall of the following year. All students beginning their thesis in a given academic year must attend the Thesis Writers' Workshops held in the fall and winter of that year. Further information about the thesis is available from the department.

HIST 0103 The Making of Europe (Fall 2020)

This course covers the history of Western Europe from the death of Caesar in 44 B.C. to the Peace of Westphalia in A.D. 1648. We will examine three interrelated themes: political authority within European society, the development of the religious culture of the West and the challenges to that culture, and the ways in which the development of a European economy contributed to the making of Europe itself. While examining these questions from the Roman Empire to early modern Europe, students will focus on the use of original sources, and on how historians interpret the past. Pre-1800. Not open to seniors. 2 hrs. lect./1 hr. disc. **EUR**, **HIS**, **SOC** *(L. Burnham)*

HIST 0110 Modern South Asia (Fall 2020)

This course is an introduction to the history of South Asia. We will examine such events as the remarkable rise and fall of the Mughal empire (1526-1700s), the transformation of the once-humble English East India Company into a formidable colonial state (1700s-1858), the emergence of nationalist and anti-imperialist movements led by people such as Mahatma Gandhi and M.A. Jinnah (1858-1947), and the establishment and recent histories of the new nations of India, Pakistan, Bangladesh, and Sri Lanka. Readings will include primary sources, history textbooks, historical novels, and newspaper articles. We will also watch at least one historical film. Pre-1800. 3 hrs. lect./disc. **AAL**, **HIS**, **SOA** *(I. Barrow)*

HIST 0115 Genocides Throughout History (Spring 2021)

With the devastation of the Holocaust and other more recent events, the study of genocide has mainly focused on the modern period. Yet, mass killings and other atrocities abound in earlier centuries as well. In this course we will focus on examples across time and space to gain a more comprehensive understanding of such phenomena. We will consider the very meaning of "genocide" as well as the suitability of other terms. We will also discuss different explanations of everything from perpetrators' motivations to victims' responses. Finally, we will examine the possibility of preventing genocides. 3 hrs. lect./disc. **CMP**, **HIS**, **SOC**

HIST 0118 The History of Medicine: 1700 to Present (Fall 2020)

In this course we will examine how conceptions of sickness, its causes, and its treatment have developed over time. In particular, the emphasis will be on considering not only how advances in science and technology have spurred changes in thought and practice but also how larger societal factors like religion, economics, and politics have influenced the course of medicine. We will focus on Europe from the eighteenth century onwards, but important comparisons will be drawn to earlier periods and other geographic areas including the United States. (Counts for HSMT credit.) 3 hrs. lect./disc. **EUR**, **HIS** *(R. Bennette)*

HIST 0131 Archaic and Classical Greece (Fall 2020)

A survey of Greek history from Homer to the Hellenistic period, based primarily on a close reading of ancient sources in translation. The course covers the emergence of the polis in the Dark Age, colonization and tyranny, the birth of democracy, the Persian Wars, the interdependence of democracy and Athenian imperialism, the Peloponnesian War, and the rise of Macedon. Authors read include Herodotus, Thucydides, Aristophanes, Plutarch, Xenophon, and the Greek orators. 2 hrs. lect., 1 hr. disc. **EUR**, **HIS**, **LIT** *(J. Chaplin)*

Cross-listed as: CLAS 0131 *

HIST 0206 The United States and the World Since 1898 (Spring 2021)

This course serves as an introduction to the history of American foreign relations from the Spanish-American War of 1898 to the turn of the 21st century. Through lectures, discussions, and a variety of readings, we will explore the multi-dimensional nature of the nation's rise to power within the global community, as well as the impact of international affairs upon American society. In addition to formal diplomacy and foreign policy, this course addresses topics such as immigration, cultural exchange, transnationalism, and globalization. 2 hrs. lect./1 hr. disc. **AMR**, **HIS**, **NOR**

HIST 0212 Civil War and Reconstruction: 1845-1890 (Spring 2021)

This course explores the era of the American Civil War with an emphasis on the period 1861-1865. It combines lectures, readings, class discussion, and film to address such questions as why the war came, why the Confederacy lost, and how the war affected various elements of society. We will also explore what was left unresolved at the end of the war, how Americans responded to Reconstruction, and how subsequent generations have understood the meaning of the conflict and its legacy. We will make a special effort to tie military and political events to life on the home front. (formerly HIST 0364) 2 hrs. lect./1 hr. disc. **AMR**, **HIS**, **NOR**

HIST 0215 America, 1955-1991 (Fall 2020)

This course focuses on the history of the United States from the end of the “Crucial Decade” until the end of the Cold War. We will pay special attention to how domestic development shaped America's place within the international community, and vice versa. Topics to be considered include: the rise and fall of the post-1945 social welfare state, Eisenhower’s New Look and JFK’s New Frontier, the Vietnam War, civil rights activism, increasing American investment in the Middle East, the modern conservative movement, and globalization and its contexts. (formerly HIST 0368) 2 hrs. lect., 1 hr. disc. **AMR**, **HIS**, **NOR** *(J. Mao)*

HIST 0231 Imperial China (Spring 2021)

China’s is the world’s oldest continuous civilization, and we will survey the history of the Chinese empire from its cultural beginnings until the conflicts with the West in the 1840s and the internal unrest of the 1850s and 1860s. Our study of China’s political progression through successive dynasties will reveal archetypal patterns of historical disruption amidst continuity. We will also examine those perennial social, institutional, and intellectual forces — such as the stratification of the classes, the absolutist tendencies of monarchy, and the civilly-focused yet competitive atmosphere fostered by a state-sponsored examination culture — that proved determinative in shaping China’s traditional development. Pre-1800 3 hrs. lect. **AAL**, **HIS**, **NOA**, **SOC**

HIST 0235 History of Pre-Modern Japan (Fall 2020)

In this course we will explore the social, cultural, and institutional history of Japan from the eighth century up through the rise of the Tokugawa shogunate in the 17th century. The course is organized thematically to illuminate the different periods of Japanese history, including the imperial origin myth and Heian culture, the frontier and the rise of samurai government, localism and the warring states period, and finally the Tokugawa settlement and the paradoxes of centralized feudalism. Pre-1800. 3 hrs. lect/disc. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: JAPN 0235

HIST 0236 History of Modern Japan, 1800-1952 (Spring 2021)

This course reviews the major events and enduring questions of modern Japanese history beginning with the Meiji Restoration (1868) up through the Allied Occupation (1945-1952) following Japan's defeat in World War II. Through a variety of materials, including novels, philosophy, historical essays, and films, we will explore the formation of the modern Japanese nation-state, the "invention of tradition" in constructing a modern national identity, Japan's colonial incursions into East Asia, 1920s mass culture, the consolidation of fascism in the 1930s, and the transwar legacies of early postwar Japan. We will pay particular attention to the relationship between transformations within Japan and larger global trends. **AAL**, **HIS**, **NOA**, **SOC**

Cross-listed as: JAPN 0236

HIST 0237 Chinese Philosophy (Fall 2020)

A survey of the dominant philosophies of China, beginning with the establishment of the earliest intellectual orientations, moving to the emergence of the competing schools of the fifth century B.C., and concluding with the modern adoption and adaptation of Marxist thought. Early native alternatives to Confucian philosophy (such as Mohism, Daoism, and Legalism) and later foreign ones (such as Buddhism and Marxism) will be stressed. We will scrutinize individual thinkers with reference to their philosophical contributions and assess the implications of their ideas with reference to their historical contexts and comparative significance. Pre-1800. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **PHL** *(D. Wyatt)*

Cross-listed as: PHIL 0237

HIST 0238 Medieval Cities (Spring 2021)

This course will examine the economic, social, topographical and cultural history of the medieval city. We will study the transformation of urban life from the Roman period through the dark years of the early Middle Ages in the West into the flourishing of a new type of European city life in the High Middle Ages. The development of urban institutions, the building of cathedrals, universities and fortifications, and the growth of trade will all be considered, as will the experience of groups such as Jews, women and intellectuals. Although the class will focus on the medieval European city, we will also draw comparisons with cities of the Muslim East. Pre-1800. 3 hrs lect/disc. **EUR**, **HIS**

HIST 0244 Society and Culture in Early Modern Europe (Fall 2020)

War, famine, and disease marked the terrible "iron century" of European history, from 1550 to 1660. Out of this frightful crucible, modern society was created. We will trace this troubled genesis from the aftershocks of the Reformation to the first rumblings of the French Revolution, stressing the conflicts that gave rise to the modern world: monarchy vs. "liberty," religion vs. "enlightenment," elite vs. popular culture. Topics such as the family, witchcraft, warfare, and fashion will be given special attention. Pre-1800 3 hr lect/disc. **CW** (5 seats), **EUR**, **HIS**, **SOC** *(P. Monod)*

HIST 0246 History of Modern Europe: 1900-1989 (Fall 2020)

Revolution in Eastern Europe and unification in Western Europe have reshaped the contours of the 20th century. This course will move from turn-of-the-century developments in mass culture and politics through World War I and II, the rise and fall of fascism, and on into the postwar era. This century has seen a series of radically new ideas, catastrophes, and then renewed searches for stability. But we will also investigate century-long movements, including de-colonization, the creation of sophisticated consumer cultures, and the battles among ideas of nationalism, ethnicity, and international interdependency. 2 hrs. lect. 1 hr. disc. **EUR**, **HIS**, **SOC** *(R. Bennette)*

HIST 0248 The Soviet Experiment (Spring 2021)

In this course we will explore the Soviet attempt to forge a fundamentally new form of human life. Starting with the revolutionary movement of the early 20th century, we will examine the development and ultimate downfall of the USSR. What was Soviet communism (both in idea and in practice)? How did its implementation and development transform local identities (religious, ethnic/national, social)? How did internal and external factors (political, social, economic) transform Soviet policy and life? Was the collapse of the USSR inevitable? Special attention will be paid both to political leaders and ordinary people (believers, collaborators, victims, dissidents, outcasts). 3 hrs lect./disc. **AAL**, **CMP**, **EUR**, **HIS**

HIST 0254 British History 1815-Present (Spring 2021)

The spectacular rise and dramatic decline of Britain’s imperial and industrial power is the central theme of this course. The century after 1815 brought political and social reform and the apogee of middle class culture, but in 1914 the crucial problems of women's rights, labor against capital, and Irish nationalism remained unsolved. War, economic depression and the loss of empire followed. The Labour Party envisaged a welfare state and social contract for post-war Britain; the conservative response was free-market Thatcherism. Today, Britain continues to exemplify the promise and perils of what can be called modernity. 3 hrs. lect/disc. **EUR**, **HIS**

HIST 0257 The Holocaust (Spring 2021)

Why did the Holocaust happen? How could the Holocaust happen? In this course we will consider several aspects of the Holocaust, including the long-term conditions and events leading up to it, the measures employed in undertaking it, and the aftermath of the atrocities. Beyond a general survey, this course introduces students to the many varying interpretations and historical arguments scholars of the Holocaust have proposed and invites them to discuss and debate these issues in class. 3 hrs. lect./disc. **EUR**, **HIS**

Cross-listed as: JWST 0257

HIST 0305 Confucius and Confucianism (Spring 2021)

Perhaps no individual has left his mark more completely and enduringly upon an entire civilization than Confucius (551-479 B.C.) has upon that of China. Moreover, the influence of Confucius has spread well beyond China to become entrenched in the cultural traditions of neighboring Japan and Korea and elsewhere. This course examines who Confucius was, what he originally intended, and how the more important of his disciples have continued to reinterpret his original vision and direct it toward different ends. Pre-1800. (formerly HIST/PHIL 0273) 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **PHL**

Cross-listed as: PHIL 0305

HIST 0307 Music, Power, and Resistance in World History (Spring 2021)

This class examines the conflicting relationship between music, power and resistance in world history. Beginning with ancient Greece, we will discuss the relationship between music and power in a wide range of cultural and historical contexts, including music’s relation to religious power (Christianity, Judaism, Islam), political power (China, Europe, North and South America, Africa), and social power (gender, ethnicity, class). Questions of state censorship, propaganda and musical expressions of dissent will be highlighted, as well as the interconnection between aesthetic choices, social status and political views. Musical sources will range from classical to popular forms. No prior musical training required. (formally HIST 0116) 3 hrs sem. **ART**, **CMP**, **HIS**

HIST 0315 Health and Healing in African History (Fall 2020)

In this course we will complicate our contemporary perspectives on health and healing in Africa by exploring diverse historical examples from the continent's deep past. Our readings, discussions, and papers will cover a range of historical contexts and topics, such as the politics of rituals and public healing ceremonies in pre-colonial contexts, state and popular responses to shifting disease landscapes in the colonial era, long-term cultural and economic changes in healer-patient dynamics, the problematic legacies of environmental health hazards in the post-colonial period, and Africans' engagement with global health interventions in recent decades. 3 hrs. sem. **AAL**, **HIS**, **SAF**, **SOC** *(J. Tropp)*

HIST 0319 Readings in the Philosophy of History (Fall 2020)

Even before the appearance of Georg W. F. Hegel's classic study The Philosophy of History, a heated debate was being waged concerning the nature and substance of history. Is history, like science, expressible in predictable patterns or subject to irrevocable laws? What factors distinguish true history from the mere random succession of events? What should we assume to be the fundamental nature of historical truth, and are we to determine it objectively or subjectively? Is it possible to be human and yet be somehow "outside of" history? These are among the questions we will examine as we read and deliberate on a variety of philosophies of history, while concentrating on the most influential versions developed by Hegel and Karl Marx. 3 hrs. sem. **CW** (5 seats), **EUR**, **HIS**, **PHL** *(D. Wyatt)*

Cross-listed as: PHIL 0319

HIST 0346 Medieval Science, Technology and Magic (Spring 2021)

Modern understanding may link science with technology, but leaves magic out as a world apart. In the Medieval West, where alchemy and the astrolabe comfortably shared a workroom, intellectuals pursued both with equal fervor and respectability. In this course we will explore the medieval meanings and context of “science” and “magic,” developments in technology, and the relationship of authority and religion to all three through readings in primary sources, critical essays and monographs, and Umberto Eco's historical novel, *The Name of the Rose*. Students will contribute to class understanding with frequent individual research, including a final research paper. Pre-1800 3 hrs. lect./dsc. **EUR**, **HIS**, **SOC**

HIST 0372 The Long Struggle for Civil Rights and Black Freedom (Fall 2020)

The modern civil rights movement is the central focus of this course, but it offers more than a survey of events from Montgomery to Memphis. It explores the pre-World War II roots of the modern black freedom struggle, the complex array of local, regional, and national initiatives in the 1950s and 1960s, the competing strategies for empowerment offered by Martin Luther King Jr., and Malcolm X, and developments since the 1970s, including the rise of Black Lives Matter. This course employs a "race relations" perspective, stressing the linkages among the experiences of African Americans, whites, and other groups. 2. Hrs. lect., 1 hr. disc. **AMR**, **HIS**, **NOR** *(J. Ralph)*

Cross-listed as: BLST 0372

HIST 0373 History of American Women: 1869-1999 (Fall 2020)

This course will examine women's social, political, cultural, and economic position in American society from 1869 through the late 20th century. We will explore the shifting ideological basis for gender roles, as well as the effects of race, class, ethnicity, and region on women's lives. Topics covered will include: women's political identity, women's work, sexuality, access to education, the limits of "sisterhood" across racial and economic boundaries, and the opportunities women used to expand their sphere of influence. 3 hrs lect./disc. **AMR**, **CMP**, **HIS**, **NOR** *(A. Morsman)*

Cross-listed as: GSFS 0373

HIST 0393 A History of Gender in Early America (Spring 2021)

Exploration, conquest, settlement, revolution, and nation-building: no course in early American history should ignore such traditional topics. In this course, though, we will examine the various ways that gender shaped these historical processes. How, for example, did colonials' assumptions about manhood and womanhood affect the development of slavery in America? Or how did the Founding Fathers' identities as men inform their attitudes about democracy and citizenship? We will scrutinize historical documents, of both a private and public nature, and discuss several recent scholarly works on gender from 1600-1850 to consider these kinds of questions. Pre-1800. 2 hrs. lect./1 hr. disc. **AMR**, **CMP**, **CW**, **HIS**, **NOR**

Cross-listed as: GSFS 0393

HIST 0397 America and the Pacific (Fall 2020)

If the 20th century was "America's Century," then it could also be deemed "America's Pacific Century" as interaction with Asia fundamentally shaped the United States' political, social, and diplomatic development. In this course we will examine American foreign relations on the Pacific Rim from the Philippine-American War to the Los Angeles riots of 1992. Topics to be covered include: America's imperial project in Asia, the annexation of Hawaii, Wilsonian diplomacy, the reconstruction of Japan after World War II, the Korean and Vietnam Wars, Richard Nixon's visit to Communist China, and the immigrant experience. 3 hrs sem. **AMR**, **HIS**, **NOR** *(J. Mao)*

HIST 0432 Russia's Imperial Borderlands (Fall 2020)

In this course we will explore the complex fabric of Russia's multi-ethnic borderlands in the 19th and 20th centuries. How did shifting relations with Russia and other imperial systems shape local identities? How and when did nationalist sentiment emerge in these regions, and how did the imperial center(s) respond? How did shifting borders affect identity formation? Did the creation of the Soviet Union mark the end of empire or its transformation into new forms? Regions to be discussed include Ukraine, Belarus, Poland, Georgia, the Baltic countries, and the Central Asian states. 3hrs lect/disc. **AAL**, **CMP**, **HIS**, **NOA** *(R. Mitchell)*

HIST 0443 Readings in African History: Women and Gender in Africa (Fall 2020)

This course takes up the challenge of understanding women's experiences and the role of gender in Africa's past. We will read from a wide variety of disciplinary perspectives and literary forms, including ethnographies, life histories, and fiction, in order to explore different methodological and interpretive approaches to these subjects. Themes will include: changes in the structure of patriarchy and women's status in the pre-colonial period, the gendered impact of colonial rule on African economies and ecologies, historical identities of masculinity and femininity, and gendered experience of postcolonial "development." Prior experience in African history is not required. 3 hrs. seminar **AAL**, **HIS**, **SAF** *(J. Tropp)*

Cross-listed as: GSFS 0443

HIST 0445 Vermont Life's Vermont: A Collaborative Web Project (Spring 2021)

Students in this course will work collaboratively to build an online history project aimed at a wide audience. Since 1946, Vermont Life magazine has created particular images of the landscape, culture, and recreational possibilities in the state. Our goal will be to construct a website that examines the evolution of these images and the meaning of the state over time, paying particular attention to consumerism, the environment, tourism, urban-rural contrasts, local food movements, and the ways that race, class, and gender influence all of these. The course is open to all students and requires collaborative work but not any pre-existing technological expertise. 3 hrs. sem. **AMR**, **HIS**, **NOR**

Cross-listed as: AMST 0445

HIST 0473 The 1940s (Fall 2020)

The 1940s saw enormous and often violent change: a global, destructive war; ongoing privation after the formal end of hostilities; the intensification of national liberation movements; the founding of the United Nations and the establishment of a new global economic order; the beginnings of the Cold War; new artistic expressions; and the reconfiguration of sexual and cultural mores. In this course we will begin with an overview of the global scale of the second world war and, using a comparative approach, focus on examples of individual suffering. We will then study the war's effects in select countries around the world. 3 hrs. sem. **CMP**, **HIS** *(I. Barrow)*

Cross-listed as: IGST 0473 *

HIST 0500 Special Research Projects (Fall 2020, Spring 2021)

Special research projects may only be taken during the Junior or Senior year, preferable after taking HIST 0600. Approval of department chair and project advisor is required.

HIST 0600 Writing History (Fall 2020, Spring 2021)

In this course students discuss historical methods and writing strategies to create convincing historical narratives. With the approval and guidance of the professor, students complete a 20-25-page research paper based on primary and secondary sources. Students take this course in the fall of their junior year or with permission in the spring. If students are away for the entire junior year, they can take the course in the fall of their senior year. 3 hr. sem. **CW** *(Fall 2020: A. Morsman, L. Burnham; Spring 2021: R. Bennette)*

HIST 0700 Senior Independent Study (Fall 2020, Spring 2021)

The optional History Senior Thesis is written over two terms, with the final grade applying to both terms. Approval is required. Students submit thesis proposals in the spring before the year that they choose to write their thesis. Students generally begin their thesis in the fall and complete it during winter or spring. Approval is required to begin the thesis in winter or spring. All students must attend the Thesis Writer's Workshops in fall and winter semesters and work with a faculty advisor to complete a 55-70 page paper. Please see detailed guidelines under history requirements.

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Department of History of Art & Architectural Studies

Required for the Major, History of Art Track (11 courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in Asian art and architecture; one course in Artistic Process (for example: HARC 130, ART 159, ART 167, ART 185, ART 195, ARDV 116, DANC 160, THEA 102, THEA 205, or another course chosen in consultation with your major advisor and the HARC department chair); HARC 0301 (Ways of Seeing; sophomore or junior year; prerequisite for HARC 0710 and HARC 0711); at least five additional courses in the history of art or architecture distributed among several historical periods or traditions, with at least one being at the 0300-level or above; HARC 0710 (Senior Thesis Research Seminar, fall of senior year); HARC 0711 (Senior Thesis, winter term senior year). Advisory: Graduate programs in the history of art and classical archaeology require students to pass reading examinations in at least two foreign languages. Students can improve job prospects by acquiring practical experience, such as internships or participation in the Museum Assistants Program (MAP).

Joint Major, History of Art Track (eight courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in Asian art and architecture; HARC 0301 (Ways of Seeing; sophomore or junior year; prerequisite for HARC 0710 and HARC 0711); three additional courses in the history of art or architecture distributed among several historical periods or traditions, one of which should be at the 0300-level or above; HARC 0710 (Senior Thesis Research Seminar, fall of senior year); HARC 0711 (Senior Thesis, winter term of senior year). A proposed program of study, including educational rationale and specific courses to be taken, must be submitted to the department for approval before registering as a joint major.

Minor, History of Art Track (six courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in Asian and architecture; four additional courses in the history of art or architecture distributed among several historical periods or traditions.

Requirements for the Major, Museum Studies Track (11 courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in Asian art and architecture; HARC 0248; HARC 0301; HARC 0540 (MAP Participation for credit), or a pre-approved internship, or a pre-approved independent project (HARC 0510) if a suitable faculty member is available to supervise it; HARC 0710; HARC 0761; four additional courses in history of art or architecture distributed among several historical periods or traditions, with at least one being at the 0300-level or above.

Joint Major, Museum Studies Track (eight courses): HARC 0100 or HARC 0102; HARC 0248; HARC0 0301; HARC 0540, or an approved internship, or a pre-approved independent project (HARC 0510); HARC 0710; HARC 0761; Two electives in HARC to be selected in consultation with the advisor.

Minor, Museum Studies Track (six courses): HARC 0100 or HARC 0102; HARC 0248; HARC 0540 (MAP Participation for credit) or a pre-approved independent project (HARC 0510) if a suitable faculty member is available to supervise it; Three HARC electives to be selected in consultation with the advisor.

Honors: Honors are awarded to students with a GPA** of 3.5 and a thesis grade of B+ or higher; high honors to students with a GPA of 3.7 and a thesis grade of A- or A; and highest honors to students with a GPA of 3.8 and a thesis grade of A.

** The History of Art + Architecture GPA is calculated on the basis of those courses that satisfy or could potentially satisfy the requirements for the major. Only courses taken on the Middlebury College campus and applied towards the major will be used in the calculation of GPA for purposes of determining honors. Study abroad and transfer courses will not be used.

Please note: Courses offered by other departments and programs may, by prior departmental approval, be used to satisfy elective requirements.

Architectural Studies Program

Required for the Major, Architectural Studies Track (11 courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0120 (DesignLab) or another approved course in studio art, theatre set or lighting design, or dance; HARC 0130 (Introduction to Architectural Design); HARC 0230 (Modern Architecture); HARC 0330 (Intermediate Architectural Design), or a pre-approved substitute taken off-campus; three additional courses that deal with architectural history, urbanism, or contemporary visual culture; and HARC 0731 (Thesis in Architectural Studies: Research) and HARC 0732 (Thesis in Architectural Studies: Design), open only to HARC majors and joint majors, to be taken sequentially. Advisory: This major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.

Joint Major, Architectural Studies Track (eight courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0130 (Introduction to Architectural Design); HARC 0230 (Modern Architecture); HARC 0330 (Intermediate Architectural Design), or a pre-approved substitute taken off-campus; one additional course that deals with architectural history, urbanism, or contemporary visual culture; and HARC 0731 (Thesis in Architectural Studies: Research) and HARC 0732 (Thesis in Architectural Studies: Design), open only to HARC majors and joint majors, to be taken sequentially. A proposed program of study, including educational rationale and specific courses to be taken, must be submitted to the department for approval before registering as a joint major. Advisory: This joint major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.

Joint Major, Architectural Studies/ Environmental Studies "Architecture and the Environment" (15 courses): ENVS 0112, ENVS 0211, ENVS 0215, and GEOG 0120, all to be taken before the end of junior year; two ES Cognate Courses (both science courses with labs, listed under Environmental Studies); HARC 0100; HARC 0130; HARC 0230; HARC 0231; HARC 0330 or a pre-approved substitute to be taken off-campus; one additional course that deals with architectural history, urbanism, or contemporary visual culture; ENVS 0401; and HARC 0731 (Thesis in Architectural Studies: Research) and HARC 0732 (Thesis in Architectural Studies: Design), open only to HARC majors and joint majors, to be taken sequentially. Advisory: This joint major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.

Minor, Architectural Studies (five courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0130 (Introduction to Architectural Design); HARC 0230 (Modern Architecture); and HARC 330 (Intermediate Architectural Design) or a pre-approved substitute taken off-campus. Advisory: many graduate architecture schools expect applicants to have taken calculus, physics, and a survey of modern architecture.

Honors: Honors in all tracks are awarded to students with a GPA** of 3.5 and a thesis grade of

B+ or higher; high honors to students with a GPA of 3.7 and a thesis grade of A- or A; and highest honors to students with a GPA of 3.8 and a thesis grade of A.
** The History of Art + Architecture GPA is calculated on the basis of those courses that satisfy or could potentially satisfy the requirements for the major.

HARC 0100 Monuments and Ideas in Western Art (Fall 2020, Spring 2021)

This course is an introduction to the study of Western art history through an investigation of selected art works, considered individually and in broader contexts. The course chronicles the evolution in painting, sculpture, and architecture of the western world. It is designed for those who wish to build a broad acquaintance with the major works and ideas of Western art in their historical settings and to develop tools for understanding these works of art as aesthetic objects and bearers of meaning for the societies, groups, or individuals that produced them. Registration priority will be given to first and second year students. 2 hrs. lect./1 hr. disc. **ART**, **EUR**, **HIS** *(Fall 2020: P. Broucke)*

HARC 0102 Monuments and Ideas/Asian Art (Fall 2020, Spring 2021)

Monuments and Ideas in Asian Art*
This course is an introduction to the study of Asian art history through an investigation of selected art works, considered individually and in broader contexts. This course chronicles the evolution in painting, sculpture, and architecture, and other media of Asia. It is designed for those who wish to build a broad acquaintance with the major works and ideas of Asian art in their historical settings and to develop tools for understanding these works of art as aesthetic objects and bearers of meaning for the societies, group, or individuals that produced them. Registration priority given to first and second year students. 2 hrs. lect./1 hr. disc.. **AAL** (Fall 2020), **ART** (Fall 2020), **CMP** (Fall 2020), **HIS** (Fall 2020), **NOA** (Fall 2020) *(Fall 2020: C. Packert)*

HARC 0130 Introduction to Architectural Design (Fall 2020, Spring 2021)

Are you fascinated by buildings and interested in trying your hand at architectural design? This course will introduce you to principles of architecture and teach you the skills architects use to explore and communicate design ideas. We will consider urban and rural settings, sustainability, energy efficiency, functionality, comfort, and the role architecture plays in shaping community. Classroom instruction by a practicing architect will provide hands-on drawing, model-making, and materials research as well as field trips to see innovation in the works, including house tours (both in construction and finished). Students will work in teams and individually to analyze existing buildings and design their own. Students seeking to improve their understanding of the built environment are encouraged to take this course. No prior experience is needed. **ART** *(Fall 2020: M. Pottorf)*

HARC 0201 Italian Renaissance Art: 1350-1550 (Fall 2020)

This course will focus on the art produced in Italy during the late fourteenth through the early sixteenth centuries. In addition to studying the chronological development of painting, sculpture, and architecture, we will consider such issues as artistic training, patronage, domestic life, and the literary achievements of this period of "rebirth." Focusing on urban environments such as Florence, Siena, Padua, Venice, Rome, and Urbino, we will give special attention to the manner in which artistic production was shaped by place. 3 hrs. lect. **ART**, **EUR**, **HIS** *(K. Smith Abbott)*

HARC 0202 Modern Art (Fall 2020)

In this course we will survey the major movements and artists in the history of modern art in Europe and the United States, from Impressionism to the postwar period. We will focus on the development of style, aesthetic concerns, and social contexts. Topics will include individual artists, such as Picasso and Matisse, as well as the development of styles, such as Abstract Expressionism and Pop Art. 3 hrs. lect. **ART**, **EUR**, **HIS** *(S. Rogers)*

HARC 0204 Approaches to Islamic Art (Fall 2020)

A survey of major expressions of Islamic art from the inception of Islam to the present, from all parts of the Islamic world. This is not a traditional survey; rather, it focuses on key monuments and important examples of portable and decorative arts: mosques, tombs, palaces, manuscript illumination, calligraphy, metalwork, textiles, ceramics, etc. We will consider their meanings and functions in their respective socio-historical contexts, and we will also analyze the impact of patronage and region. We will try to understand what general principles unify the richness and diversity of Islamic art: what is Islamic about Islamic art? Finally, we will address the issue of contemporary Islamic art. (No prerequisites). 3 hrs. lect. **AAL**, **ART**, **MDE** *(C. Packert)*

HARC 0209 Venice in Renaissance (Spring 2021)

Venetian art was long shaped by its unique setting, distinctive political structure, and a collective identity enforced by its patrician leaders. In this course, we will engage in a close consideration of the socio-political conditions that both reinforced tradition and ultimately made way for a "golden age" in Venetian painting, sculpture, and architecture. Topics will include individual artists, such as Bellini, Giorgione, Titian, and Palladio, as well as artistic training and workshop practice, patronage, and the rise of Venetian humanism. 3 hrs. lect. **ART**, **EUR**, **HIS**

HARC 0214 Northern Renaissance Art: The Rhetoric of the Real (Spring 2021)

This course will provide students with an overview of art objects created in a variety of media in Northern Europe between the 15th and 16th centuries. We will analyze the changing uses of art in cultures where people defined themselves and the depths of their piety in relation to their material wealth and social standing. During the last few weeks of the semester, the class will look at the emergence of genre painting and the representation of peasant life. We will consider how these phenomena were tied to the histories and careers of individual artists and their workshops. General questions will include: How does the convincing representation of "reality" make for a persuasive image? What are the benefits of fusing secular and religious subject matter? Is it valid to speak of a new artistic self-awareness? 3 hrs. lect. **ART**, **EUR**, **HIS**

HARC 0230 Modern Architecture (Spring 2021)

Rotating skyscrapers, green roofs, and avant-garde museums: how did we arrive in the architectural world of the early 21st century? In this course we will survey the major stylistic developments, new building types, and new technologies that have shaped European and American architecture since the late 18th century. Students will learn about the work of major architects as well as key architectural theories and debates. Special emphasis will be placed on the cultural and political contexts in which buildings are designed. 2 hrs. Lect./1 hr. disc. **ART**, **HIS**

HARC 0231 Architecture and the Environment (Spring 2021)

Architecture has a dynamic relationship with the natural and cultural environments in which it operates. As a cultural phenomenon it impacts the physical landscape and uses natural resources while it also frames human interaction, harbors community, and organizes much of public life. We will investigate those relationships and explore strategies to optimize them, in order to seek out environmentally responsive architectural solutions. Topics to be covered include: analysis of a building's site as both natural and cultural contexts, passive and active energy systems, principles of sustainable construction, and environmental impact. Our lab will allow us to study on site, "off-the-grid" dwellings, hay-bale houses, passive solar constructions and alternative communities, meet with "green" designers, architects, and builders, and do hands-on projects. 3 hrs. lect./3 hrs. lab. **ART**

HARC 0237 Architecture of Planning and Place (Spring 2021)

As the earliest design activity of the architectural process, context analysis and planning play a significant role in shaping our built environment, from individual dwellings to campuses, towns and cities. This course introduces students to fundamental planning concepts such as open space and density, site characteristics and context, and the circulation of people, traffic, and services, with a strong focus on the relationship between built and natural environments. We will examine national and international case studies as well as local examples. Though no formal architecture experience is required, students will learn and use methods of graphically representing information and conveying design concepts. 3 hrs. lect. **ART**

HARC 0238 Japanese Art (Spring 2021)

In this introductory survey we will explore the arts of Japan from the Neolithic Jomon period to the post-war era of the 20th century. Using assigned readings in conjunction with objects in our own museum collection, we will investigate how these artworks and monuments reflect the agendas, religious beliefs, and aesthetic tastes of the artists and patrons who created them. We will also explore themes such as advances in media and technology, the role of nationalism in art production, and indigenous versus imported artistic developments. 3 hrs. lect. **AAL**, **ART**, **NOA**

HARC 0250 Baroque Art in a Global Context (Fall 2020)

Baroque art and architecture flourished in the courts of seventeenth-century Europe before spreading to the Americas, Asia, and Africa in the wake of global trade, colonialism, and religious proselytizing. In this course we will examine how this style of art and architecture was recontexualized and transformed when it came into contact with preexisting traditions overseas. Readings and discussions will compare artistic production across cultures by focusing not only on the forces that contributed to the broad reach of the Baroque, but also on the persistence of local artistic styles, which were challenged and nurtured by sustained intercultural contact. 3 hrs. lct. **ART**, **CMP** *(C. Anderson)*

HARC 0254 Art in the Dutch Golden Age (Spring 2021)

In this course we will examine the art made in the Northern Netherlands during the 17th century, the so-called “Golden Age” of the Dutch Republic. We will consider the effects of politics, patronage, religion, and warfare on the paintings and practices of such artists as Hals, Rembrandt, and Vermeer, as well as many other lesser-known professionals, who specialized in still life, landscapes, seascapes, cityscapes, church interiors, portraits, and tavern scenes. We will also consider the history of printmaking in the early modern Dutch Republic. 3 hrs. lect. **ART**, **EUR**, **HIS**

HARC 0256 Photography in the Middle East (Fall 2020)

In this course we will survey 19th and 20th century photographs of the Middle East. We will consider indigenous studios as well as European and U.S. photographers and artists who traveled to the region and circulated their photographs as visual knowledge of distant cultures, peoples, monuments, landscapes, and experiences. Looking at a range of genres, we will examine how photographs visually construct notions of race, gender, class, religion, and cultural otherness. Students will work with original photographs in the collection at the Middlebury College Museum of Art. 3 hrs. lect. **ART**, **HIS**, **MDE** *(S. Rogers)*

HARC 0301 Ways of Seeing (Fall 2020, Spring 2021)

In this course we will focus on the various methods and theories that can enrich and deepen our understanding of art, architecture, and visual culture. Students will hone their analytical skills, both verbal and written, often with recourse to objects from the College Museum and the campus at large. In general, this seminar will develop students' awareness of objects of culture broadly construed, and sharpen their understanding of the scope and intellectual history of the field. To be taken during the sophomore or junior year as a prerequisite for HARC 0710 and HARC 0711. 3 hrs. sem. **ART**, **CW** *(Fall 2020: E. Garrison)*

HARC 0318 Imperial Splendor: the Art and Architecture of India's Mughal Empire (Spring 2021)

The Mughal empire, founded by a new dynasty of Muslim rulers, claimed control over much of north India in the 16th century. Under their dominance, new forms of art and architecture flourished. In this seminar we will critically explore such topics as: the style and symbolism of Mughal art and architecture; the influence of Persian and Indian Rajput visual forms; the biographies and ambitions of the Mughal rulers; the role of women in the Mughal court; and the interactions between Muslim and Hindu visual cultures, as well as the important contributions made by European art. We will pay special attention to how art and architecture played a central role in imperial self-definition and the construction of a specialized Mughal history, placing those works in their political, social, and cultural contexts. 3 hrs. lect. **AAL**, **ART**, **HIS**, **SOA**

HARC 0330 Intermediate Architectural Design (Fall 2020)

This studio course emphasizes the thought and method of architectural design. Members of this studio will be involved in developing their insights towards cultural value systems and their expression in the environments they create. Participants work primarily in the studio space and rely heavily on individual instruction and group review of their work. The course provides a foundation for more advanced study in the areas of architecture, landscape architecture, and other fields related to the design of the built environment, and an opportunity to work with the Cameron Visiting Architect. (HARC 0130) 3 hrs. lect./3 hrs. lab **ART** *(B. Allred)*

HARC 0338 Gender and the Making of Space (Spring 2021)

In this course we will investigate the complex relationship between gender and architecture, examining how the design of the built environment (buildings, urban spaces, etc.) can reinforce or undermine ideas about the respective roles of women and men in society, from the creation of masculine and feminine spaces to the gendered nature of the architectural profession. By looking at both visual evidence and textual sources we will also uncover how the social construction of gender roles and gendered spaces are, and continue to be, inflected by race, class, and sexuality. Not open to students who have taken FYSE 1407. 3 hrs. sem. **ART**, **CMP**, **HIS**

Cross-listed as: FYSE 1407 * GSFS 0338

HARC 0339 Home: The Why Behind the Way We Live (Fall 2020, Spring 2021)

In this course we will examine the development of numerous housing types in America (with references to Europe). The prevalence of the single-family home today and its importance as the symbol of the “American dream” was never a forgone conclusion. In fact, the American home has been the focus of and battleground for cooperative movements, feminism, municipal socialism, benevolent capitalism, and government interventions on a national scale. 3 hrs. sem. **AMR** (Fall 2020), **ART** (Fall 2020), **HIS** (Fall 2020), **NOR** (Fall 2020) *(Fall 2020: E. Sassin)*

Cross-listed as: AMST 0339

HARC 0353 Medieval Bodies (Spring 2021)

In this seminar we will examine how medieval European thinkers and artists theorized and visualized the body in ways that are vastly different from the ways in which the body is conceptualized today. Indeed, the “medieval body” was not a monolithic entity, but rather a shifting constellation of ideas and practices that waxed, waned, and coexisted throughout the Middle Ages. A body could be understood as an earthly body — sexed, fleshly, corruptible — as well as a heavenly and divine body, including Christ’s own. Our considerations will further contextualize representations of gendered, racialized, clerical, monstrous, animal, virginal, non-Christian, heretical, resurrected, and uncircumscribable bodies. Readings of the secondary literature will broaden readings of primary source materials, and our discussions will remain cognizant of gender-, sexuality-, race-, and performance-critical methods. There are no prerequisites for this course, but students will find it helpful to have some familiarity with either the history of art or with medieval history. 3hrs sem. **ART**, **EUR**, **HIS**

Cross-listed as: GSFS 0353

HARC 0354 The Rhetoric of Public Memory (Fall 2020)

This course focuses on public memory and the various statues, memorials, sites, and spaces that construct public memory in contemporary U.S. society. In this course, we will study local Middlebury and Vermont public memories, Civil War and Confederate memories, and spaces of contention and controversy, while visiting nearby memorials and museums. Students in this class will compose analyses on these public memories and create arguments on the viability of memories in different shapes and forms. Overall, students will leave this class with a stronger understanding of not only public memory rhetoric but the various components that keep these memories alive. 3 hrs. lect. **AMR**, **CW**, **HIS**, **NOR**, **SOC** *(J. Sanchez)*

Cross-listed as: WRPR 0354 *

HARC 0357 Orientalism and the Visual Arts (Spring 2021)

In this course we will consider the relationship between visual culture and the politics of knowledge. Comparatively examining a series of cross-cultural encounters in modern and contemporary art, we will ask how knowledge is visually codified, labeled, and displayed. The course will begin with a reading of Edward Said's Orientalism. We will then examine a series of case studies in order to identify and compare strategies of both "representing the other" and "speaking back." We will address notions of exoticism, cultural difference, authenticity, and native authority with a particular focus on the ways in which the visual arts construct notions of race and gender and difference in representations of the Middle East, and more specifically, the Arab world. Case studies, drawn from the late eighteenth century until today, will be focused in the discipline of art history and the geographical regions of primarily the Middle East and Africa, as well as Europe and the U.S. 3 hrs sem. **AAL**, **ART**, **CMP**, **HIS**, **MDE**

HARC 0358 Toward a Global Survey: Reassessing the Art Historical Canon (Fall 2020)

In this course we will interrogate the decades-old approach to teaching the survey of Western Art History, and by extension the deeply ingrained understanding of the art historical canon. We will analyze survey texts and syllabi that have long guided these courses, and we will consider the decision on the part of institutions like Yale University to abandon this course for a more global and inclusive approach. What would a global survey look like at Middlebury, and what are the works of art every current student of the discipline should know? (HARC 100 or 102) 3 hrs. lect/dsc **ART**, **EUR**, **HIS** *(K. Smith Abbott)*

HARC 0371 AS/Habitat for Humanity Housing Unit: Research, Planning, and Schematic Design (Spring 2021)

Architectural Studies at Middlebury partners with Habitat for Architectural Studies at Middlebury partners with Habitat for Humanity of Addison County for the design and realization of high-quality, energy-efficient, affordable housing. The objective of this studio is to research, plan, and begin the architectural design for a housing unit with a specific program and location. Students will work primarily in the studio space and rely heavily on internal and external review of their work. The course provides a foundation for more advanced study in architecture, landscape architecture, and other fields related to the design of the built environment, and provides opportunities to work with professionals and Cameron Visiting Architects. This studio will continue into HARC 0372. Students should expect a substantial amount of work outside of class time. (HARC 0130 or by permission) 3 hrs. lect./3 hrs. lab. **ART**

HARC 0372 AS/Habitat for Humanity Housing Unit: From Design Development to Bidding (Fall 2020)

Architectural Studies at Middlebury partners with Habitat for Humanity of Addison County for the design and realization of high-quality, energy-efficient, affordable housing. The objective of this interdisciplinary studio course is to develop the design of the housing unit from a conceptual level to the point that it can be bid upon competitively by contractors. This intensive process will be driven by a schedule of deliverables conceived to allow for construction to start in the following spring. Studio components include materials selection; energy analysis; code review, construction detailing; permitting; physical and digital modeling; engineering coordination; and construction specifications. This studio will continue into HARC 0373 (formerly INTD 0274) during WT: AS/Habitat for Humanity: Design Production. Students should expect a substantial amount of work outside of class time. (HARC 0330 or HARC 0371 or by permission) 3 hrs. lect./3hrs lab **ART** *(J. McLeod)*

HARC 0510 Advanced Studies (Fall 2020, Spring 2021)

Supervised independent work in art history, museum studies, or architectural studies. (Approval Required) *(Fall 2020: P. Broucke, R. Saunders, S. Laursen, C. Packert, K. Hoving, E. Vazquez; Spring 2021: P. Broucke, S. Laursen, R. Saunders, C. Anderson, C. Packert, E. Vazquez)*

HARC 0530 Independent Architect. Design (Fall 2020, Spring 2021)

Supervised independent work in architectural analysis and design. (Approval Required) *(Fall 2020: P. Broucke, J. McLeod, M. Lopez Barrera; Spring 2021: E. Sassin, P. Broucke)*

HARC 0540 Supervised Independent Work in Museum Studies (Fall 2020, Spring 2021)

This practicum builds upon the Museum Assistants Program (MAP), the hands-on museum education program at the Middlebury College Museum of Art. In MAP, the Curator of Education trains students to conduct tours of the Museum’s permanent collection and of special exhibitions for audiences of peers, school groups, and the general public. Combining service learning with the opportunity to both support and learn more about the arts, students gain expertise in public speaking, art history, and public programming. HARC 0540 should be taken concurrently with the second semester of MAP. The class will culminate with a public presentation on a museum-related topic evaluated by a faculty member of the Department of History of Art & Architecture. (Approval required) *(Fall 2020: P. Broucke, J. Vrooman, S. Laursen, C. Packert, K. Hoving, E. Vazquez; Spring 2021: R. Saunders)*

HARC 0710 Senior Thesis Research Seminar (Fall 2020)

In this course students will conceive, undertake research, and plan the organization of their senior thesis in art history or senior museum studies projects. Seminar discussions and workshops will focus on research strategies, conventions in art historical writing, project design, and public presentation skills. (HARC 0301; Approval Required) 3 hr. sem. *(E. Vazquez)*

HARC 0731 Thesis in Architectural Studies: Research (Fall 2020)

This studio course constitutes the first part of the two-term senior design project in Architectural Studies. Pre-design research includes precedent study, programming, site analysis, and formulation of a thesis to be investigated through the design process. Preliminary design work begins with conceptual studies, and culminates in a coherent schematic design, to be developed further in Senior Architectural Design, Part II. Students present their work in graphic, oral, and written formats. (HARC 0330 or equivalent) 6 hrs. sem. *(J. McLeod)*

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Independent Scholar Program

The Independent Scholar Program is designed to meet the needs of outstanding students who have clearly defined educational goals that cannot be fulfilled within the framework of a normal departmental or interdisciplinary major. Independent Scholars plan their own curricular programs with the assistance of a faculty adviser. Independent Scholars cannot propose two majors, but can pursue an independent scholar major and one minor. For the 2019-20 academic year, application materials are due to the Curriculum Committee by Monday, October 7, 2019, for fall review; and Monday, February 17, 2020, for spring review.

Eligibility: For an application to be considered, a student must be in the sophomore year and have a GPA of 3.5 or higher. If approved, students must fulfill all requirements for the degree using their approved Independent Scholar plan as their major course of study. Independent Scholar proposals will be evaluated in light of feasibility, academic disciplinary integrity, and demonstrated ability of the student. A successful proposal must articulate a fully developed program of study, must include a methods course, and must demonstrate compellingly that the student's academic goals cannot be met through existing majors.

Application process: To be designated an Independent Scholar, a student must undergo a rigorous approval process overseen by the Curriculum Committee. The process begins with an interview with the dean of curriculum. The student must subsequently prepare and submit a well-defined program to the Curriculum Committee, covering a description of the aim of the program, the independent work, and the courses he or she proposes to comprise the major. The proposal must be accompanied by a written endorsement of a faculty member who is willing and qualified to supervise the student, as well as a statement of support from an alternate faculty member. The Curriculum Committee will review all submitted materials, and if warranted, convene a meeting with the candidate and advisers. Final approval rests with the Curriculum Committee. An applicant whose proposal is denied is entitled to meet with the dean of curriculum or the Curriculum Committee.

Oversight: The Curriculum Committee will solicit updates from each Independent Scholar twice a year. Changes to the program must also be submitted to the Curriculum Committee, and the faculty supervisor will cosign all registration materials. The Major Declaration Form and Degree Audit Forms will be signed by both the faculty adviser and dean of curriculum. Students who elect to withdraw from the Independent Scholar Program, or who have their independent scholar status withdrawn, may be allowed, at the discretion of the committee, to graduate in general studies, without a formal major in any department.

Senior work: The INDE 0800 is a culminating experience for this program of study. This project brings together the course work the student has completed and incorporates all aspects of the study into one final project. Students applying to be independent scholars are asked to provide an indication of possible INDE 0800 projects at the time that they submit their proposals. Students are able, however, to change the topic of their INDE 0800 project in order to respond to new interests and information acquired during the course of their study.

The INDE 0800 project is undertaken for one or two terms. Students who wish to be considered for honors must work with a thesis committee. Thesis work most typically follows the

procedures for the department most closely related to the project. Others may choose to work with an individual faculty member, usually the student's adviser. The choice of senior project is flexible. For example, with permission from the adviser, a student in the performing arts might want to incorporate a dance performance, musical composition, or some other feature as part of his or her course of study.

Honors: In order to be considered for honors, independent scholars normally must meet two criteria: a minimum average of B+ in courses taken towards the major and a minimum grade of B+ on the senior work component. The Dean of Curriculum oversees the first requirement and will inform the adviser of the student's eligibility. The senior work component must be evaluated by a committee of three faculty members (one of whom, at the adviser's request, may be a faculty member on the Curriculum Committee). Minimum thesis grades for each level of honors are B+ (Honors), A- (High Honors), and A (Highest Honors), but the determination of the appropriate level will be made by the thesis committee.

For more information about this program, contact Suzanne Gurland, Dean of Curriculum.

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Interdepartmental Courses

FOOD 0280 Middlebury's Foodprint: Introduction to Food Systems Issues (Spring 2021)

Food systems encompass all activities, people and institutions determining movement of food from input supply and production (on land and water) through waste management. The dominant U.S. food system is responsible at least in part for some of the nation’s most troubling environmental and health challenges. What do we eat at Middlebury? What difference does it make? How do we know? We will examine impacts of how Middlebury sources and consumes its food, and disposes of food waste, as a lens to understand sustainable food systems and how they can be achieved. (formerly INTD 0280) 3 hrs. lect./disc. **SOC**

FOOD 0281 Food Power & Justice (Spring 2021)

Students in this course will learn to analyze power and justice in relation to the food system. We will explore cases in which groups of people are experiencing injustice in opportunities to make a living through food production or other food system activities, inequitable access to food and resources, inequitable health outcomes related to diet (e.g., diabetes, obesity), and silencing or lack of political participation. Students will investigate organizations of their choice that are working to remedy inequitable power relations in the food system, and will present their findings to the rest of the class. (formerly INTD 0281) 3 hrs. lect. **SOC**

INTD 0116 Accounting, Budgeting, and the Liberal Arts (Fall 2020, Spring 2021)

Accounting is the lingua franca of commercial and financial activity, and applies equally to corporations, non-profits, and governments. In this course we will learn the basic concepts and standards underlying the accounting language including: revenue recognition, inventory, long-lived assets, present value, long-term liabilities, and financial statements. We then turn to the application and use of accounting information in forecasting, operating, and measuring an enterprise. These managerial accounting concepts are used to develop budgets and evaluate results. Our understanding of accounting and financial statements is needed to understand how business interrelates with society. The major course project will be developing an Excel financial model; no prior Excel experience required. 3 hrs. lect., 3 hr. lab (not open to students who have taken INTD 0316). *(Fall 2020: A. Magri)*

INTD 0120 Introduction to Business and Enterprise (Fall 2020, Spring 2021)

This course provides students who have little to no background in business with a broad overview of business and enterprise in the economy. Students will learn about types of enterprises and a functional framework for understanding a business, including strategy, finance, production, and marketing. This framework will be used to analyze various businesses and non-profits, exploring the advantages and disadvantages of various structures. The course will give overviews of accounting and entrepreneurship, and explore policy and philosophical debates about the morality of for-profit business and the need for corporate responsibility. 3 hrs. lect. **SOC** *(Fall 2020: A. Biswas)*

INTD 0130 Business Ethics (Fall 2020)

Capitalism and competitive markets are often considered the most efficient system of simultaneously maximizing private wealth and public good. In the real world, however, truly competitive markets do not exist. Imperfect markets have been made to work efficiently while protecting public good through systems of public intervention, i.e., laws and regulations, and voluntary self-restraint by business organizations in response to societal expectations. In this class we will consider the role of ethics in business, with students analyzing the process by which ethical norms and strongly held moral beliefs guide the conduct of economically driven business organizations. Students will reflect on business managers' responsibility to their owners, i.e., shareholders, other stakeholders, and society-at-large. 3 hrs. lect./dsc *(T. Nguyen)*

INTD 0202 The Diverse Workplace: Gender, Race and the Modern Corporation (Spring 2021)

Knowing why and how to harness the power of human difference to facilitate human flourishing is a critical competency for leaders. In this course we will learn about the challenges and opportunities of diversity. This course has three components. First, students will explore ways humans can advance in the modern workplace and how the roles of people of all genders must evolve in order to do so. The second component centers on the issue of race in and at the organization/corporation (for-profit and not-for-profit). And the third component relates to how workplace diversity is a valuable and strategic asset to the modern corporation. Students will learn that organizations, too, are social actors. As such, issues of gender and race shape organizations and their ability to obtain cultural, political, and material resources they need to survive—the organizing process. 3 hrs. lect.

INTD 0205 Marketing: Formulation, Methods, and Research (Fall 2020)

Marketing is both a qualitative and a quantitative discipline. It is one of the rare business fields that actively draws upon and integrates the creative and analytical components of the liberal arts tradition. In this course students will be exposed to a broad overview of marketing principles, focusing on the application of marketing theory to for-profit, not-for-profit, and the public sectors. Cause marketing and social marketing techniques will also be discussed to determine their utility in combating social ills and promoting favorable public health behaviors and outcomes. As the implementation of marketing programs is undergoing a massive transformation from conventional to digital media, students will be exposed to digital designing and marketing, which are driven by a sound understanding of consumer segmentation, brand positioning, distinct product benefits, and relevant in-market executions. (INTD 0120) Introductory statistics course recommended. 3 hrs. lect. *(A. Biswas)*

INTD 0210 Sophomore Seminar in the Liberal Arts (Fall 2020, Spring 2021)

This course is designed for sophomores who are interested in exploring the meaning and the purpose of a liberal arts education. To frame this investigation, we will use the question "What is the good life and how shall I live it?" Through an interdisciplinary and multicultural array of readings and films we will engage our course question through intellectual discussion, written reflection, and personal practice. There will be significant opportunities for public speaking and oral presentation, as well as regular writing assignments, including a formal poster presentation. Readings will include reflections on a liberal arts education in the U.S. (Emerson, Brann, Nussbaum, Oakeshott, Ladsen-Billings, bell hooks); on "the good life" (excerpts from Aristotle, sacred texts of different traditions); on social science analyses of contemporary life; texts on the neuroscience of happiness; as well as literary and cinematic representations of lives well-lived. **CMP**, **CW** (Fall 2020: 15 seats; Spring 2021: 45 seats) *(Fall 2020: D. Evans, S. Cassarino)*

Cross-listed as: EDST 0210

INTD 0215 3D Computer Animation (Fall 2020, Spring 2021)

3D computer animation has revolutionized animation, graphics, and special effects. In this course students will explore basic 3D modeling techniques, virtual material and texture creation, digital lighting, rendering, and animation. Every workshop will be hands on and fully immersed in this rapidly evolving technology. Students will leave with a strong conceptual understanding of the 3D graphics pipeline, a fundamental 3D skill set, options for further study, and an independent final animation project. 3 hrs. workshop **ART** *(Fall 2020: D. Houghton)*

Cross-listed as: FMMC 0215

INTD 0217 Introduction to Finance (Fall 2020, Spring 2021)

In this introductory survey course we will cover the role of finance in society, the basic workings of the financial system, how funds are allocated within the economy, and how institutions raise money. We will cover a range of topics, including: interest rates and the time value of money; uncertainty and the trade-off between risk and return; security market efficiency; stocks, bonds and optimal capital structure; financing decisions and capital budgeting; sovereign risk; foreign currencies; derivatives markets; and concerns about the role of finance in society. The course will include discussions of current news events in global markets. Recommended: INTD 0116 (formerly INTD 0316). Students who have not taken INTD 116 (or INTD 0316) will be required to demonstrate basic proficiency in Accounting. 3 hrs. lect., 3 hr. lab *(Fall 2020: F. Van Gansbeke)*

INTD 0220 Management, Enterprise, and Business (Fall 2020)

What does it mean to lead or manage a business, non-profit or any other enterprise, and how does one go about doing it? Drawing on different management theories, this course will review case studies of organizations facing serious management challenges, and how those challenges could be addressed. Students will also work in small groups over the semester with a local business to explore their background and current issues, preparing a final report on how to approach those issues using practical management techniques including business problem solving, teamwork, and effective communications. Professor Colander will be assisting with the class, giving occasional lectures, and connecting the class to broad liberal arts themes. (INTD 0120 or by waiver) 3 hrs. lect. 3 hour lab *(T. Nguyen)*

INTD 0221 Creating New Enterprises To Solve Significant Problems: For-Profit and Social Entrepreneurship (Spring 2021)

In this class students will explore how entrepreneurial innovators solve significant problems by creating new enterprises, and how these new organizations impact our society. In today’s society, entrepreneurship seems ubiquitous. At times, it appears that entrepreneurs can do no wrong. At other times, they are depicted as over-optimistic fools. Such polar characterizations may sell magazines, but they do not capture what entrepreneurship is, which involves a more complex and interesting story— in both for-profit and social entrepreneurship environments. Students will explore entrepreneurship in depth with the goal of penetrating the popular veneer and uncovering the essence of starting and growing new enterprises designed to solve significant societal problems.

INTD 0235 Social Entrepreneurship and Global Health (Fall 2020)

Social and structural determinants of health create barriers to availability, accessibility and uptake of health services in many countries. We will take a case study approach to examining how social entrepreneurs develop and scale up responses to help clients overcome these barriers. We will explore factors including: human rights, poverty, disenfranchisement of women, government health care systems and infrastructure, human resources for health, task shifting, the politics of sexual/reproductive health, and infectious diseases. We will draw on articles and online materials. This course mixes theory and case study, and will count as an elective towards the Global Health minor. (not open to students who have taken INTD 1213) 3 hrs. lect. *(D. Torres)*

INTD 0254 Innovation in Action: Design Thinking (Fall 2020)

In this interdisciplinary course we will learn the methods and practices of Design Thinking to tackle what are called “wicked problems,” those that are difficult to solve because of incomplete or changing requirements. Working in teams, we will collaborate using a human-centered process, and participate in activities that help us tap into the cognitive activities used while designing. At the end of the class students will present innovative solutions to one or more of Middlebury College’s academic technology challenges. This year we will be looking at the new realities (virtual, augmented, and mixed), and their impact on digital equity. Professor Robert Moeller will be assisting with the class. 3 hrs. lect. *(J. Antonioli)*

INTD 0257 Global Health (Fall 2020, Spring 2021)

This course provides an introductory survey of the basic issues and initiatives in contemporary global public health, demonstrating the inextricability of public health problems from the social, cultural, economic, political, and environmental issues that exist in an era of globalization. Examining these connections will enable us to critically evaluate the goals and strategies of public health interventions, and discuss factors impacting their success or failure. To do this, we must also examine the lens through which the West views public health problems as they relate to our cultural beliefs, biomedical views of health, sense of justice, and strategic interests. (Not open to students who have taken SOAN 0267) 3 hrs. lect./disc. **AAL**, **CMP**, **SOC** *(Fall 2020: P. Berenbaum)*

INTD 0319 Investment Management (Fall 2020)

In this course we will build on knowledge of accounting and finance and apply that knowledge to investment analysis, asset allocation, portfolio management, and capital markets and risk analysis. Designed to provide the basic concepts and principles of investing, the course examines investment theory and practice for investing a portfolio and evaluating its performance. We will discuss both traditional and alternative investments. Topics include securities markets, risk and return, capital asset pricing model (CAPM) and diversification, portfolio theory, private equity, valuation of equity, valuation of fixed-income securities, options and futures markets. Recommended prior courses would be: Math 0116, INTD 0116 or INTD 0217. Students who have not taken INTD 0116 or INTD 0217 are invited to contact the professor to discuss and review their basic proficiency in Accounting and Finance. 3 hrs. lect., 3 hrs lab *(F. Van Gansbeke)*

INTD 0320 Capital Markets (Spring 2021)

This course surveys and analyzes the instruments traded in modern asset markets, the mechanisms that facilitate their trading and issuance, as well as, the motivations of issuers and investors across different asset classes. The course will balance functional and institutional perspectives by highlighting the problems market participants are seeking to solve, as well as the existing asset markets that have arisen to accomplish these goals. We will consider the nature of structure of asset markets, and the design, issuance, and pricing of financial instruments, focusing on how arbitrage strategies keep their prices in-line with one another. Recommended: INTD 0116 (formerly INTD 316), and INTD 0217, (formerly INTD 317). Students who have not taken INTD 0116 (INTD 316) and INTD 0217 (INTD 317) will be required to demonstrate basic proficiency in accounting and introductory finance. 3 hrs. lect., 3 hrs. lab

INTD 0426 Health, Food, and Poverty: Critical Frameworks for Social Change (Spring 2021)

Concerns around food, health, and poverty often intersect around the world, and pose shared challenges for countries in how to address them. What frameworks might maximize social impact in addressing such complicated global concerns? In this capstone course for students interested in privilege and poverty, global health, and food studies, we will critically examine a variety of frameworks for social impact, including solidarity, responsibility, development, aid, and entrepreneurship. Our examination of these frameworks will necessarily involve critical comparisons among the countries in which they have been employed. We will identify goals, strategies, and assumptions within each framework, as well as our role in social transformation in conjunction with other actors. Students will engage in interdisciplinary theoretical analysis and employ one or more frameworks to develop a proposal for a project on social change. (By approval only.) 3 hrs. Sem *(Comparative Politics)/* **CMP**, **SOC**

INTD 0500 Independent Study (Fall 2020, Spring 2021)

Approval Required

INTD 0501 Animation Studio I (Fall 2020, Spring 2021)

Fall 2020

Independent Study
Approval Required *(D. Houghton)*

Spring 2021

Animation Studio 1
Having completed introductory coursework in the study of computer animations, students will collaborage on substantial, real-world animation projects spearheaded by the producer of the Animation Studio. This work will balance the needs of the Current Animation Studio project with the interests of all animators involved. *(D. Houghton)*

INTD 0502 Animation Studio 2 (Fall 2020, Spring 2021)

Fall 2020

Independent Study
Approval Required *(D. Houghton)*

Spring 2021

Animation Studio 2
Having completed Animation Studio 1, students will deepen their practices of computer animation by choosing a focus area (Modeling, Rigging, Animation, Materials/Textures, Lighting/Rendering, Concept Art, Storyboarding, Python Scripting, Project Research, etc.) Students will commit to a rigorous practice of this focus in a real-world scenario by applying their develoing skills to the needs of an actual production. *(D. Houghton)*

INTD 0503 Independent Study (Fall 2020, Spring 2021)

Fall 2020

Independent Study
Approval Required *(D. Houghton)*

Spring 2021

Animation Studio 3
Having completed Animation Studio 2, students will take on a leadership role in the studio, furthing their work in their chosen focus area while mentoring newer studio members. They will work closely with the Animation Studio Producer to make significat decisions about the targets of the current project. And they will investigate connections beween their animation work and the major field of study. *(D. Houghton)*

INTD 0504 Independent Study (Fall 2020, Spring 2021)

Fall 2020

Independent Study
Approval Required *(D. Houghton)*

Spring 2021

Animation Studio 4
Having completed Animation Studio 3, students will complete the study of their chosen focus area, creating professional calliber work that has a substantial impact on the outcome of the current Animation Studio Project. furthermore, students at this level will help shape future Animation Studio projects, mentor newer members of the studio and plan for independent thesis level work in their major field of study. *(D. Houghton)*

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Program in International & Global Studies

International and Global Studies Requirements

General Requirements: A major must specialize in one of the following tracks: African Studies, East Asian Studies, European Studies, Latin American Studies, Middle East and Maghreb Studies, Russian and East European Studies, South Asian Studies, Global Environmental Change, Global Gender and Sexuality Studies, or Global Security Studies. IGS majors may not double count any course, including required language courses, towards their regional or thematic specialization.

Regardless of their track, all majors must complete: IGST 0101, five regional or thematic courses, three global courses for the regional tracks (from the Global list) or three regional courses for the thematic tracks (from the Regional list). Students must also study one of the non-English languages taught at Middlebury; study abroad for at least one semester (on a Middlebury Program); complete at least one advanced level language course upon return from abroad; and take a 0400 level IGST senior seminar. With the preapproval of the IGS director, a student may take a thematic global seminar in a department.

Minors: There is no IGS minor. However, IGS majors are strongly encouraged to minor in any department or program that offers a minor and can accommodate them, so long as they do not double-count any course. Students wishing to minor in the department that teaches the IGS language of their focus should discuss their minor with the IGS director.

Specific Requirements: All IGS majors are required to take IGST 0101 and are expected to do so before studying abroad. IGST 0101 is not open to seniors except for those who declared the major as sophomores and spent the fall semester of their junior year abroad. Students who declare their major as a sophomore but have not taken IGST 0101, and plan to study abroad for only one semester must take it in the fall of their junior year prior to going abroad.

Language Study: Students must become proficient in one of the languages that Middlebury College teaches. Individual language departments determine what level of study constitutes proficiency, and students are expected to do advanced work in their target language. All majors must take at least one advanced course in the language of study upon returning from abroad and are encouraged to take more than one. **Students who, upon declaring the IGS major, have been determined proficient in one of their region's languages will continue to take this language at the advanced level and are strongly recommended to take one year or equivalent of another language. The additional language should be chosen in consultation with the advisor.**

There are no language requirements for South Asian Studies majors or students who major in a thematic track but study abroad in India: these students must study a language when abroad, but are not expected to achieve language proficiency or complete an advanced language course once they return. Instead, these majors must take one additional regional or global course in their senior year.

Language Study for East Asian Studies: Students who already have native proficiency in Chinese must fulfill the language requirements for Japanese. Students who already have native

proficiency in Japanese must fulfill the language requirements for Chinese. The Chairs of the Chinese and Japanese Studies departments or their designees determine what constitutes native proficiency by evaluating students individually through interviews or tests.

Note: for EAS majors whose language is Chinese, the language requirement is: (1) CHNS 0101-CHNS 0202 (strongly encouraged to attend Middlebury Chinese Summer School, or take CHNS 0301/0302); (2) one semester at one of the three Middlebury CV Starr Schools Abroad in China; and (3) one, preferably two, of the following: CHNS 0411, 0412, 0425, 0426, OR 0475 upon return from study abroad in China.

Language Study for Latin American Studies: Students who place into Spanish 0220 or above must take at least two semesters of Portuguese (0210 and above) to fulfill the language requirement. Students who place into Portuguese 0215 or above must take at least two semesters of Spanish (0105 and above) to fulfill the language requirement.

Regional Specialization: IGS majors must take five courses that correspond to their regional track, in at least three departments (at least one of which should be in Anthropology, Economics, Geography, History, Political Science or Sociology). At least three regional courses must be taken at Middlebury. For East Asian Studies majors, at least three of the regional courses should be exclusively or primarily on the country that is the focus of language study, and at least one should be on East Asia as a region or the East Asian country that is not the focus of language study.

Thematic Specialization: IGS majors must take five courses that are specific to their track, in at least three departments (at least one of which should be in Anthropology, Economics, Geography, History, Political Science or Sociology). At least three thematic courses must be taken on the Middlebury College campus.

Global Courses: Students with regional specialization are required to take three global courses (from the Global list); only one can be at the 0100 level. These global courses are thematic, trans-regional, emphasize connectivity of places and the circulation of ideas and phenomena. Except for students who study abroad an entire year (see below), these courses must be taken on the Middlebury College campus.

Regional Courses for Thematic Tracks: Students with thematic specialization are required to take three regional courses that correspond to their language of specialization (at least one of which should be in Anthropology, Economics, Geography, History, Political Science or Sociology). Except for students who study abroad an entire year, these courses must be taken on the Middlebury College campus.

Study Abroad: Students must study abroad for at least one semester (and preferably two) on a Middlebury-approved study abroad program in their region of focus. Study abroad must be in the language of study at Middlebury. Effective for the class of 2021, students who study abroad for one semester may count up to two courses and those who study abroad for a full year may count up to four courses toward the major. Major credit will be granted, pending approval, upon the student’s return from abroad. For regional courses, approval is granted by the track director and for global courses by the IGS director. Students should share the syllabi and all written work for all courses they wish to count with the track or program director, respectively.

Advanced Placement: Advanced Placement credit will not count toward the major.

Senior Program: The senior program consists of: (1) a senior IGST seminar at 400-level or

with permission of IGS director, a thematic senior seminar in a department and (2) an upper-level course, preferably two, in the language of emphasis after returning from abroad. The language departments will determine which courses fulfill this requirement, in consultation with the program director. South Asian Studies majors or students who major in the thematic track and studied abroad in India do not take an upper-level language course, but rather, one additional regional or global course.

Honors: Students who seek to graduate with Honors may elect to write a two-term senior honors thesis. Students are eligible to write an honors thesis if they have a 3.5 GPA or better in all courses that count for the major. These include all language courses, all regional courses, all global courses, all courses taken abroad, and all courses with an IGST designation. Thesis grades do not count in the calculation of the GPA for honors. Thesis guidelines and procedures can be found at go/igsthesis.

Honors are awarded to students with a GPA of 3.5 and a thesis grade of B+; high honors to students with a GPA of 3.7 and a thesis grade of A- or A; and highest honors to students with a GPA of 3.8 and a thesis grade of A.

Seniors wishing to pursue a one semester independent research project should register for IGST 0700.

Winter Term Course: Students may count no more than one winter term course taken at Middlebury towards IGS requirements, pending approval of the track director. Students wishing to count a winter term course must provide the track director with a copy of the course syllabus.

Area Specializations

African Studies
Language/Culture: Language competency in French or Swahili; satisfactory completion of at least one advanced French course or one independent study in Swahili upon students return from abroad. If French is the language of emphasis, students must study an appropriate indigenous African language to a level of reasonable competence while abroad. The French Department will specify which courses fulfill the French requirement. The African Studies director will specify which courses fulfill the Swahili requirement.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

East Asian Studies
Language/Culture: Satisfactory completion of advanced work in either Chinese or Japanese. The Chinese and Japanese departments will specify which courses fulfill this requirement. Students who already have native or near-native proficiency in Japanese must fulfill the language requirements for Chinese, while students who already have native or near-native proficiency in Chinese must fulfill the language requirements for Japanese.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

European Studies
Language/Culture: Satisfactory completion of at least one advanced course taught in the language of emphasis (French, German, Italian, or Spanish). Individual departments will specify which courses fulfill these requirements.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

Latin American Studies
Language/Culture: Satisfactory completion of advanced work in either Portuguese or Spanish. Students who place into Spanish 0220 or above must take at least two semesters of Portuguese (0210 and above) to fulfill the language requirement. Students who place into Portuguese 0215 or above must take at least two semesters of Spanish (0105 and above) to fulfill the language requirement.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

Middle East and Maghreb Studies
Language/Culture: Successful completion of three years of Arabic or Modern Hebrew (or the equivalent as determined by the Arabic or Hebrew program). Students who choose Modern Hebrew must be willing to pursue language study beyond Middlebury, if the Colleges Hebrew program is unable to offer a full range of advanced courses.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

Russian and East European Studies
Language/Culture: Satisfactory completion of at least second- and preferably third-level Russian or the Russian School equivalent.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

South Asian Studies
Language/Culture: Students must pursue a formal course of study of a South Asian language while abroad.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above. Note: because Middlebury does not currently offer a South Asian language, students are not required to take an additional language course on their return from South Asia; instead, they must take one additional regional or global course.

Global Environmental Change

The planet is facing extraordinary challenges; among them are climate change, loss of biodiversity, environmental degradation, and the unequal distribution of critical resources. Indeed, the environmental challenges that the world now faces have never been more complex, posing greater threat to people around the globe. This track exposes students to the complex relationship between people and their environments at local, national and global scales. It highlights issues of social and environmental (in)justices as experienced cross-culturally, and the ways people have responded to and addressed environmental change.

Language/Culture: See Language Study above. Because issues relating to the environment transcend countries and regions, majors may learn any language taught at Middlebury. Students wishing to study in programs that focus on Global Environmental Issues in an English-speaking country may do so, provided that they also study at least one semester on a Middlebury program in the region corresponding to their language.

Track Requirements: Students must take 5 thematic courses from the list of approved courses. They must take one introductory course, two courses on environmental impact; one course on social (in)Justice and the environment; one course on responses and adaptation to environmental change. No more than one course can focus on the U.S, and not more than one course can be at the 400 level. Some courses are listed in more than one category. Courses cannot double count.

Please note that some courses may have pre-requisites.

These courses must be taken in at least three departments/interdisciplinary programs.

Senior Requirements: See Senior Program above.

Global Gender and Sexuality Studies
Concerns pertaining to gender and sexuality, as well as how feminism is articulated around the world, have become central to the interdisciplinary project of international and global studies. The thematic cluster will be comprised of five courses, through which students can gain the knowledge and tools to bring feminist epistemologies to bear on their analyses of international and global issues. Scholars in feminist and queer studies—and in the subfields of postcolonial feminism and transnational queer studies, for example—have centralized the construction of space and place in ways that will be useful to IGS students. The cluster reflects the rigor of feminist and queer analyses of the global and international and is flexible enough to permit choices among students. The core GSFS courses will offer students the theory and methods needed for an engagement with global concerns, while the courses in the breadth requirements will enable an analysis of specific national/transnational courses. Since GSFS is an interdisciplinary program, the track reflects an interdisciplinary approach to questions of gender and sexuality

Language/Culture: See Language Study above.

Track Requirements: Students must take 5 thematic courses from the list of approved courses. They must take one introductory course (GSFS 0191, 0200, or 0289); Feminist Theory (GSFS 0320); one critical race studies course; and two transnational/national feminism courses, one of which should be taken during the study abroad semester.

Study Abroad: See Study Abroad above. At least one study abroad course should transfer as a GSFS elective that meets the national/transnational feminism breadth requirement. In the semester prior to studying abroad, the student should consult with the GSFS director to confirm the proposed course would transfer appropriately.

Senior Requirements: See Senior Program above.

Global Security Studies
Security concerns are generated by a constellation of economic, political, historical, and environmental forces and are experienced at different scales—from the local to the global, and from the individual to the state. By drawing on courses from various departments, this track exposes students to security issues along three dimensions: global, international, and societal. The track highlights strategic concerns and issues of injustice, as well as the causes of insecurity over time and how it is experienced cross-culturally.

Language/Culture: See Language Study above.

Track Requirements: Students must take 5 thematic courses, in at least three departments and across two divisions, (at least one of which should be in Anthropology, Economics, Geography, History, Political Science or Sociology). They must take one introductory course, two courses on international security issues, one course on societal security issues, and one course on global security issues.

Study Abroad: Security Studies majors must learn a foreign language and study abroad for at least one semester in the region corresponding to that language. Because security issues transcend countries and regions, majors may learn any language taught at Middlebury. Students who wish to study security issues abroad in an English language environment may do so, *provided* that they also study at least one semester in the region corresponding to their language.

Senior Requirements: See Senior Program above.

IGST 0101 Introduction to International and Global Studies (Fall 2020)

This is the core course of the International and Global Studies major. It is an introduction to key international issues and problems that will likely feature prominently in their courses at Middlebury and study abroad. Issues covered will differ from year to year, but they may include war, globalization, immigration, racism, imperialism, nationalism, world organizations, non-governmental organizations, the European Union, the rise of East Asia, politics and society in Latin America, and anti-Americanism. 3 hrs. lect./disc. **CMP** *(K. Fuentes-George, A. Prakash)*

IGST 0410 Borders, Migration, and Identification in Global Perspective (Spring 2021)

In this course we will investigate the concept and historical emergence of borders, their relation to mobility, and the identification regimes that grew up around them. After interrogating the implications of what a border can mean and the different forms it can take—ideal and material, of mind and body—we will focus our study on the historical origins of modern state borders, various representations of borders, and case studies that particularly highlight the importance of borders regarding the supervision and the sorting of movement. Topics of study will include cities, physical barriers, refugees, and passportization. Regions of study will include the United States, France, Israel, Angola, and Guantanamo Bay. 3 hrs. sem. **CMP**, **HIS**, **SOC**

IGST 0427 How Democracies Die (Fall 2020)

After years of expansion since the end of the cold war, democracy now is in retreat. From young democracies in the developing world to bastions of liberal democracy in Western Europe and North America, democratic political systems are under mounting pressure. What are the fundamental features of this recession? What are the driving forces behind global democratic backsliding? Why do people support autocrats? In this course we will tackle these questions and discuss an array of factors that contribute to global democratic recession including the role of the political elite, failing institutions, eroding norms, and the role of ordinary people. In so doing we will delve deeper into economic and social causes of this decline. Our focus will span from global trends to individual cases such as Venezuela, Turkey, Hungary, India, the United States, and the Philippines. (Not open to students who have taken FYSE 1544) 3 hrs. Sem. **CMP**, **SOC** *(S. Gumuscu)*

Cross-listed as: PSCI 0427

IGST 0473 The 1940s (Fall 2020)

The 1940s saw enormous and often violent change: a global, destructive war; ongoing privation after the formal end of hostilities; the intensification of national liberation movements; the founding of the United Nations and the establishment of a new global economic order; the beginnings of the Cold War; new artistic expressions; and the reconfiguration of sexual and cultural mores. In this course we will begin with an overview of the global scale of the second world war and, using a comparative approach, focus on examples of individual suffering. We will then study the war's effects in select countries around the world. 3 hrs. sem. **CMP**, **HIS** *(I. Barrow)*

IGST 0497 Global Gays and the Global Gayze (Spring 2021)

In this course we will explore the ways that non-straight sexualities have been understood within a global context. Specifically, we will examine the various ways that non-straight sexualities have been constructed around the globe, the factors that have led to the development of various forms of sexual identifications, as well as the linkages between different cultures, nations, and locations that have influenced the ways that societal beliefs about non-straight sexualities, as well as non-straight sexual "identities," have come to be influenced through such connections. 3 hrs. sem. **CMP**, **SOC**

Cross-listed as: SOCI 0497

IGST 0500 East Asian Studies Independent Project (Fall 2020, Spring 2021)

(Approval Required)

IGST 0501 Latin American Studies Independent Project (Fall 2020, Spring 2021)

(Approval Required)

IGST 0502 Middle East Studies Independent Project (Fall 2020, Spring 2021)

(Approval Required)

IGST 0503 African Studies Independent Project (Fall 2020, Spring 2021)

(Approval Required) *(Fall 2020: M. Sheridan, E. Gebarowski-Shafer)*

IGST 0504 South Asian Studies Independent Project (Fall 2020, Spring 2021)

(Approval Required)

IGST 0505 European Studies Independent Project (Fall 2020, Spring 2021)

(Approval Required)

IGST 0506 REES Independent Project (Spring 2021)

(K. Moss)

IGST 0507 Global Security Studies Independent Project (Fall 2020)

(Approval Only) *(O. Lewis)*

IGST 0700 Senior Work (Fall 2020, Spring 2021)

(Approval Required)

IGST 0701 Russian and East European Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

IGST 0702 European Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

IGST 0703 Latin American Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

IGST 0704 East Asian Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

IGST 0705 African Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

IGST 0706 Middle East Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

IGST 0707 South Asian Studies Senior Thesis (Fall 2020, Spring 2021)

(Approval Required)

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Program in International Politics and Economics

(1) ***Courses in Political Science:*** PSCI 0103, PSCI 0109, PSCI 0304 and three electives in comparative politics or international relations. At least one elective should be a 0400-level senior seminar in comparative politics or international relations. See IP&E website for a list of eligible electives. PSCI 0304 must be taken at Middlebury College. Majors are encouraged to take ECON 0240 prior to PSCI 0304.

(2) ***Courses in Economics:*** ECON 0150 **OR** ECON 0250 (only one will count towards this requirement), ECON 0155 **OR** ECON 0255 (only one will count towards this requirement), ECON 0210, ECON 0240 and two electives with an international orientation. One elective should be a 0400-level senior seminar. See IP&E website for a list of eligible electives. Majors must take a minimum of five courses in economics, regardless of credits earned at the secondary level (see the Advanced Placement policy for detailed information); at least four economics courses meeting the major requirements must be taken at Middlebury College, including the 0400-level seminar. Majors are encouraged to take ECON 0240 prior to PSCI 0304. Majors are strongly encouraged to take ECON 210 prior to any 400-level seminars.

(3) ***Language Study:*** Majors must achieve the language department's standard of linguistic competence before going abroad or must demonstrate equivalent competence in a language taught at Middlebury College through a language placement exam. Foreign language study while at Middlebury College is strongly encouraged.

(4) ***Term or Year Abroad:*** Under normal circumstances, this will be completed at one of the Middlebury schools abroad. Majors should complete PSCI 0103, PSCI 0109, ECON 0150 **OR** ECON 0250, ECON 0155 **OR** ECON 0255, and ECON 0210 before going abroad. Majors are encouraged, but not required, to take ECON 0240 and PSCI 0304 before studying abroad.

Advanced Placement: Students must take a minimum of 5 courses in each discipline. See the Advanced Placement policy for detailed information.

Winter Term Courses*:* Winter Term courses count towards the major only if they are listed on the IPEC Courses web page prior to winter term registration. No more than one Winter Term elective in economics and no more than one Winter Term elective in political science may count toward the major.

Double Majors and Minors*:* Because of the complex and interdisciplinary nature of the International Politics & Economics major, IPEC students are strongly advised not to pursue an additional major. In addition, IPEC majors may not minor in either economics or political science and may not major or minor in their primary language of focus.

Declaring a Major: To declare a major, students need to fill out both a major declaration form and an advising wizard form. Discuss your plan for completing the major (outlined on the advising wizard form) with your advisor who can be from either the political science or economics department. Have both your advisor and the Director of International Politics & Economics sign the major declaration form. Turn in one copy of *both forms* to the coordinator of International Politics & Economics. Turn in one copy of the *major declaration form* to the

Registrar's Office.

First semester of senior year: Early in the first semester of your senior year, fill out both a degree audit sheet and an advising wizard form. Print out a copy of your unofficial transcript and evidence that any courses from abroad have been approved for IPEC major credit (such as an email approval from a chair or director, or information from the programs abroad office). Bring these items to the Director of International Politics & Economics no later than a week before registration for classes for your final semester. Once signed, turn in one copy of the *advising wizard form* and the *degree audit sheet* to the coordinator of International Politics & Economics. Turn in one copy of the *degree audit sheet* to the Registrar's Office.

Honors: In addition to their 12 required courses, qualifying students can choose to write a senior thesis. To launch a thesis project, students must obtain a thesis advisor in both political science and economics, and submit to their advisors a thesis prospectus for formal approval. To identify suitable thesis topics, it is highly recommended that IPEC thesis candidates begin consulting with the potential advisors during their junior year. For details, deadlines, and a timetable, see the Honors Thesis page.

Honors Thesis Requirements*:* The determination of honors, high honors, and highest honors is based on (1) the level of the grade achieved on the thesis; and (2) the level of the average grade received in all Middlebury College courses that count toward the IPEC major. Honors candidates must have an IPEC course average of 3.3 and a thesis grade of B+ to attain honors; an IPEC course average of at least 3.5 and a thesis grade of A- to attain high honors; and an IPEC course average of at least 3.7 and a thesis grade of A to attain highest honors. Note: Thesis grades do not count in the calculation of the GPA for honors, and a thesis cannot be pursued as a fifth course during any term.

IPEC 0500 Independent Project (Fall 2020, Spring 2021)

(Approval Required)

IPEC 0700 Senior Thesis (Fall 2020, Spring 2021)

(Approval Required) *(J. Cason, P. Sommers, G. Winslett, E. Bleich, T. Byker, O. Porteous, O. Lewis, W. Pyle, J. Maluccio, S. Stroup, A. Stanger, M. Williams, A. Yuen)*

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Department of Italian

Our programs offer students the opportunity to achieve high competence in written and spoken Italian, in understanding Italian literature and culture, and in applying this linguistic, literary, and cultural knowledge to the study of other disciplines. During the academic year our program emphasizes the study of literature and culture in the context of language acquisition. The other integral components of Italian at Middlebury are the Italian School (summer on the Middlebury College campus or at our satellite campus at Mills College, in Oakland, California), and the C. V. Starr-Middlebury College School in Italy (junior year or semester), where students can take courses in our beautiful Sede in Florence, or can direct-enroll in our programs at the University of Firenze, the University of Ferrara, or the University of Rome, La Sapienza. These rich programs encourage students to deepen and broaden their study of Italian literature, cinema, history, art history, political science, and many other disciplines. During the academic year in Middlebury, all four levels of courses in Italian are available every semester, and — for qualified students — faculty members are also available to direct independent research projects (ITAL 0550).

Major in Italian: For a full or double major in Italian, students must complete nine credits beyond ITAL 0103, including senior work: two courses at the 0400 level, but only one 0400 course for students who spend a whole year in Italy (Please note: ITAL 0101, 0102, and 0103 do not count for the major). Majors are normally expected to study at least one semester at the C.V. Starr-Middlebury College School in Italy (Florence), or at the Universities of Firenze, Ferrara or Rome, and upon their return from Italy they must normally take an Italian course each semester. A student can complete a major with courses at the Italian School in the summer. No more than three credits per semester from Study Abroad in Italy are applicable to the major. One credit towards the Major can be fulfilled by successfully taking a course in English with an approved section in Italian (History of the Italian Language; Italian Cinema; Italy Through Sicily).

Joint Major in Italian: For the joint major in Italian, students must complete seven credits beginning with ITAL 0251, including one course at the 0400 level. Students must also complete a joint project credited in either of the two disciplines, as well as fulfill the requirements in the second discipline. Students are normally expected to complete one semester at either the C.V. Starr-Middlebury College School in Florence, the University of Firenze, the University of Ferrara, or the University of Rome, La Sapienza. No more than three credits per semester from coursework in Italy are applicable to the Italian part of the major.

***International and Global Studies Major with Italian (European Studies Track)*:** Along with other required courses and senior work as described in the International and Global Studies major section, the Italian language component of an International and Global Studies major requires completion of the following: 1) Italian courses required for study in Italy (see below); 2) one semester, and preferably a full year, at the C.V. Starr-Middlebury College School in Florence, the University of Ferrara, or the University of Rome; 3) at least one 0400-level course in Italian upon return from Italy. Regional specialization requirements for the International and Global Studies major may include ITAL 0290-level courses (in English) as well as 0300-level courses taught at Middlebury or in Italy.

Minor in Italian: The Italian minor consists of six courses: ITAL 0251, ITAL 0252 (or two courses counted from ITAL 3251-3252-3253 in the Italian Summer School) and four courses at the 0300-level or higher. Students entering the program with a standing beyond the ITAL 0252-level are required to take at least one 0400-level course as part of the Italian minor. All courses

at the 0300-level can be completed during the academic year at Middlebury, at the Italian School, or at one of the affiliated Middlebury programs in Italy (Florence, Ferrara, or Rome).

Senior Work:Students who major in Italian are required to complete a senior project (ITAL 0755).

Honors: To earn departmental honors, high honors*, or highest honors** a student must have at least a 3.6, 3.7*, or 3.8** average or above in Italian courses other than the senior project, have a project defense, and receive a grade of at least B+, A-*, or A** on the thesis (ITAL 0755).

Fulfilling The Middlebury College Writing Requirement: All Italian majors, joint majors, minors, and International and Global Studies majors with literature and culture focus in Italian are strongly encouraged to fulfill their college writing requirement by enrolling in CMLT 0101 Introduction to World Literature.

Requirements for Junior Year/Semester Abroad: The Italian language proficiency requirements for participation in study abroad in Italy can be completed with any combination of courses at the Middlebury campus (summer or academic year) that culminates with the successful completion of ITAL 0252 during the academic year or ITAL 3253 at the Summer School. Students must also have an overall academic average of at least B-, an average of B in Italian (or additional course work), and be enrolled in an Italian course the semester before departure. Because of the demanding and intensive nature of our programs in Middlebury, and because of the difficulty of finding equivalent programs in the United States or in Italy, we do not accept alternative programs for the fulfillment of study abroad requirements.

C.V. Starr-Middlebury School in Italy-Florence: Students may study for a semester or for a full year in Italy. Fall and spring term students enroll for language, literature, and civilization courses in September and January. For examples of recent courses, please refer to the course database: http://www.middlebury.edu/international/sa/cid. Students studying in Florence are also expected to enroll in at least two elective courses at the Università degli Studi di Firenze. Subject areas generally offered there include archeology, philology, Italian literature, linguistics, international relations, political science, comparative politics, sociology, history, art history, and history of economics.

C.V. Starr-Middlebury School in Italy-Ferrara/Rome: Students who apply to the programs at the University of Ferrara or the University of Rome must contact the department chair to discuss their plans. Important: All students studying at the University of Ferrara or the University of Rome must take a literature course, in consultation with the department chair. Subject areas often offered include Italian literature, comparative literature, history, linguistics, philosophy, geography, art history, architecture, theater history, sociology, and international economics as well as other disciplines.

ITAL 0101 Beginning Italian (Fall 2020)

This course is an introduction to the Italian language that provides a foundation in both spoken and written Italian. Focus on the spoken language encourages rapid mastery of the basic structures and vocabulary of contemporary Italian. The exclusive use of Italian in dialogue situations and vocabulary building encourages the student to develop skills in a personalized context. Conversation and drill are stimulated and fostered through active reference to popular Italian music, authentic props, and slides of Italian everyday life and culture. Students are required to participate in the Italian table. 6 hrs. disc./perf.; 2 hrs. screen **LNG** *(I. Brancoli Busdraghi, S. Mula, P. Zupan)*

ITAL 0103 Beginning Italian III (Spring 2021)

This course emphasizes increased control and proficiency in the language through audiovisual, conversational, and drill methods. Italian life and culture continue to be revealed through the use of realia. Short reading selections on contemporary Italy and discussions enlarge the student's view of Italian life and culture. Students continue to participate in the Italian table. (ITAL 0102 or equivalent) 6 hrs. disc./perf.; 2 hrs. screen. **LNG**

ITAL 0123 Accelerated Beginning Italian (Spring 2021)

This course is an intensive introduction to the Italian language that condenses the material normally covered in ITAL 0101, 0102 and 0103. We will focus on the spoken language and encourage rapid mastery of the basic structures and vocabulary. Conversation and drill will be stimulated and fostered through active reference to popular Italian culture, film, and music. We will meet 5 times a week including two 75-minutes meetings and an additional drill session. After completing this course students will be fully prepared for second-year Italian. 6 hr lect./disc./1.5 hr drill **LNG**

ITAL 0251 An Introduction to Contemporary Italy (Fall 2020)

Intended for students at the intermediate level, this course will afford the opportunity to expand conversation, writing, and reading skills while consolidating knowledge of the more difficult points of grammar. The contextual focus of the course is contemporary Italian culture, including contemporary history and politics, the economy, the division between North and South, immigration from developing countries, environmental issues, and popular music, among others. Italian films, music, and articles from newspapers and news magazines will enhance and complete the learning experience. (ITAL 0250, waiver, or equivalent) **EUR**, **LNG**, **SOC** *(M. Van Order, S. Carletti)*

ITAL 0252 Italian Culture II: From the Sixties to the Present Day (Spring 2021)

To deepen the historical knowledge gained in ITAL 0251, we will discuss and analyze modern and contemporary Italian literature of various genres, as well as essays, art, and film. In the context of reading, critical viewing, textual analysis, and discussion, we will continue to develop both historical and linguistic competence. Discussion and the writing process, along with selected exercises, will continue to refine grammatical competence. (ITAL 0251) 3 hrs. lect./disc. **LIT**, **LNG**

ITAL 0290 Dante (in English) (Spring 2021)

Dante's *Divine Comedy* is a classic of world literature: we will seek to understand why. We will consider the work in its medieval cultural context, as well as its reappearance in contemporary translations and popular culture. Starting with Dante's poetic predecessors (Virgil, Romance vernacular poets), and Dante's youthful work, *Vita Nuova*, we will focus on *Inferno* and *Purgatorio*, with selected cantos from *Paradiso*. In our exploration, we will refer as well to medieval religion, politics, philosophy, and both medieval and contemporary visual culture (particularly film), to understand why the *Divine Comedy* continues to stimulate discussion, critique, and rebirth into today. **EUR**, **LIT**

ITAL 0299 Literary Feasts: Representations of Food in Modern Narrative (in English) (Spring 2021)

This course will consider food and eating practices within specific cultural and historical contexts. We will analyze realistic, symbolic, religious, erotic, and political functions surrounding the preparation and consumption of food. Readings will be drawn from several national traditions, with a focus on Europe. Authors will include, among others, I. Dinesen, L. Esquivel, J. Harris, E. Hemingway, T. Lampedusa, P. Levi, C. Petrini, M. Pollan, E. Vittorini, and B. Yoshimoto. Viewing of several films where food and eating play an important role will supplement class discussion. **EUR**, **LIT**

Cross-listed as: CMLT 0299

ITAL 0354 Italian Identity through History, Literature, and Music (Fall 2020)

What does it mean to be "Italian"? What is "campanilismo"? What role do languages and dialects play, and how important is music, from opera to contemporary songs, in the construction of Italian identity? This course acquaints students with the major 19th to 21st century debates on Italy and Italian iscdentity, and develops students' linguistic, critical, and analytical skills. Readings will introduce literary genres within their historical framework. Special emphasis will be placed on the skills of both Academic and Public Writing, also focusing on rewriting, editing, and peer reviewing. (ITAL 0252 or equivalent, taught in Italian) 3 hrs. lect./disc., 2 hrs. screen. **CW**, **EUR**, **LIT** *(S. Mula)*

ITAL 0355 Love, Laughter, and Desire in Medieval and Renaissance Italian Literature (Spring 2021)

Through a careful reading of excerpts from the literary masterpieces of the Italian Middle Ages and the Renaissance, we will explore artistic representations of some of the most enduring facets of human experience: love, humor, and desire. How do Medieval and Renaissance texts still communicate with our deepest feelings and emotions, and, in particular, with our perception of love and sexuality? From spiritual to carnal love, from Dante to Boccaccio, we will explore how Italians from the Middle Ages to the Renaissance wrote, talked, and laughed about their loves and desires. (ITAL 0354 or equivalent) 3 hrs. lect./disc. 2 hrs. screen. **EUR**, **LIT**

ITAL 0425 Il cinema d’autore: 1945-2010 (Fall 2020)

In this course we will critically analyze films of great Italian directors from post-war Neorealism to the present. We will examine films by Roberto Rossellini, Vittorio De Sica, Federico Fellini, Michelangelo Antonioni, Lina Wertmüller, Pier Paolo Pasolini, Bernardo Bertolucci, and Marco Bellocchio. After mastering the film terminology and learning formal film critique, students will engage in independent research that will culminate in the screening and analysis of an Italian film of their choice. Taught in Italian. 3 hrs. sem. (Two 0300-level courses in Italian) **ART**, **EUR**, **LNG** *(M. Van Order)*

ITAL 0490 Dante in Italian (Spring 2021)

This course concentrates on a close reading of the whole of *Dante's Inferno*. Students will learn about the historical and literary context of the work, read excerpts from the Purgatorio and the Paradiso, get acquainted with the long tradition of Dante commentaries, and contribute twice a week to an on-line discussion on the weekly readings. After two short papers that will analyze specific aspects of a canto, students will prepare as a final project a Lectura Dantis: a detailed analysis of a canto of the Inferno that will include critical material. (ITAL 0355 or equivalent) 3 hrs. disc. **EUR**, **LIT**

ITAL 0550 Independent Study (Fall 2020, Spring 2021)

Italian faculty as a group will consider and approve requests by qualified juniors and seniors to engage in independent work. Students must submit a prospectus that includes a bibliography of no less than five sources. Interested students should contact members of the Italian faculty before the end of the preceding term to discuss their project and to see if they are available to direct the Independent Study. Students must submit a prospectus with the department chair by the end of the first week of classesfor fall and spring term approvals, by the end the last week of fall semesterfor winter term approvals. Prior to submission, sufficient advance consultation with project directors is required.Junior students are strongly encouraged to consider independent study as preparation for senior honors thesis work. *(S. Carletti, P. Zupan, S. Mula, M. Van Order, I. Brancoli Busdraghi)*

ITAL 0755 Senior Honors (Fall 2020, Spring 2021)

Students majoring in Italian must complete an independent senior project. Italian faculty as a group will consider and approve the proposals, which should be submitted before the last week of the preceding semester. The senior project will be advised by one member of the Italian department, but will be presented to the whole department. Italian honors will be awarded to eligible students depending on the final grade. (Staff)

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Department of Japanese Studies

Required for the Major: The major requires students to achieve proficiency in Japanese language and culture. In addition, students must study in Japan for at least one semester and complete a 0400-level seminar in the Japanese Studies department.

Proficiency in Japanese language requires four years of study (completion of JAPN 0402) or equivalent with at least 4 semesters of language at Middlebury in cases of advanced placement. To meet the language proficiency requirement, students are strongly encouraged to begin the study of Japanese in their first academic year. Students who begin study of Japanese in the sophomore year must attend the summer Middlebury School of Japanese or achieve completion of the equivalent of JAPN0202 before study abroad in Japan.

Proficiency in culture requires a total of five elective content courses. At least three of the content courses must come from those offered by the department, while two may come from courses taken during study abroad or courses with a focus on Japan taught in other departments at the College (History, Religion, History of Art, etc.) and cross-listed in Japanese Studies. Departmental courses fulfilling the elective content course requirement include all courses below the 0400-level taught by the department in English. At least two elective content courses must be taken before approval for study in Japan. (One of the two courses may be one of the Japan-focused content courses cross-listed in the department.)

Studying in Japan for one semester (Fall or Spring) is required, but studying in Japan for the full junior year is strongly encouraged. Elective content courses taken in Japan may count toward the major as determined by the department on a case-by-case basis.

Seniors are required to take at least one seminar in the Japanese Studies department at the 0400 level.

Honors: Successful completion of a 0400-level seminar and JAPN 0700 Senior Thesis with a grade of B+ or above are required for graduation with departmental honors. Departmental honors will be awarded according to the grade point average of courses taken in the department, in the summer Middlebury Japanese School, and in Japan. A grade point average of 3.3 in these courses is required for graduation with honors. A grade point average of 3.75 and a grade of A on the thesis are required for High Honors.

Required for the Minor: Courses required for the minor in Japanese are completion of language courses to the level of JAPN 0202, or the equivalent, or at least four terms of Japanese in case of advanced placement, and two additional courses offered by the Japanese Studies department in culture, literature, linguistics, or film.

Middlebury's Summer Language School: Intensive language courses are available each summer at Middlebury's Japanese School. During the eight-week session, students and faculty live in the same Japanese language dormitory, take their meals together, and communicate exclusively in Japanese, whether in the classroom or outside of class. For all students pursuing the study of Japanese language and culture, and especially prior to study abroad in Japan, a summer of concentrated study at the second-, third,- or fourth-year level in Middlebury's intensive Japanese School is strongly recommended. Students who are unable to begin the study of Japanese in their first year at Middlebury are strongly encouraged to begin or accelerate their study by taking a course in the intensive summer program.

Study in Japan: Majors in Japanese Studies are required to spend at least one semester studying abroad in Japan. The C.V. Starr-Middlebury School in Japan, located in Tokyo, offers intensive language courses and topics courses in Japanese. Students have residential options in

dormitories or in home-stays arranged by the program.

Language Technology and Resources: Japanese courses incorporate a variety of computer-driven teaching and learning strategies. Video and audio materials for first- and second-year levels are available on any computer, so that students can view and listen to authentic materials at any time in their dorm rooms or in labs. Japanese films, scripts, and anime in advanced-language courses are also available on the Web to students enrolled in those courses. Many Japanese literature and culture offerings are Web-based multimedia courses. Instructors often make use of conferencing and other electronic tools to extend learning beyond regular class hours. The Middlebury College Library contains an extensive collection of works in English on most aspects of Japan; in addition, there are 1,700 works in Japanese, with special strengths in literature and linguistics.

JAPN 0101 First-Year Japanese (Fall 2020)

This course is an introduction to the modern Japanese language aimed at acquisition of the four basic skills speaking, listening comprehension, reading, and writing. The emphasis is on thorough mastery of the basic structures of Japanese through intensive oral-aural practice and extensive use of audiovisual materials. The two kana syllabaries and kanji (characters) will be introduced toward the goals of developing reading skills and reinforcing grammar and vocabulary acquisition. 3 hrs. lect./3 hrs. drill **LNG** *(S. Abe)*

JAPN 0103 First-Year Japanese (Spring 2021)

This course is a continuation of the fall and winter terms with the introduction of more advanced grammatical structures, vocabulary, and characters. The continuing emphasis of the beginning Japanese course will be upon acquisition of well-balanced language skills based on an understanding of the actual use of the language in the Japanese sociocultural context. (JAPN 0101, JAPN 0102) 3 hrs. lect./3 hrs. drill **LNG**

JAPN 0110 Current Social Issues in Japan (in English) (Fall 2020)

In this course we will use ethnography, fiction, and historical studies to examine some of the underlying themes of Japanese culture. Japan is a highly developed, post-industrial society renowned across the globe for economic success in the post-World War II period. What historical and social factors have shaped Japan’s contemporary culture, and how have interactions with other countries influenced Japanese society? We will study a number of different spheres of Japanese life including the family and the workplace to better understand contemporary society. We will pay special attention to Japan’s global position and its relationship to the United States. 3 hr. lect./disc. (Anthropology) **AAL**, **NOA**, **SOC** *(L. White)*

JAPN 0201 Second-Year Japanese (Fall 2020)

The goals of the intermediate course are to develop the ability to understand conversational Japanese at natural speed, to express oneself accurately and smoothly in various situations, to read nontechnical materials at reasonable speed with the use of the dictionary, and to express oneself in writing with relative ease. Understanding of Japanese culture will be broadened and deepened through mastery of the course materials. (JAPN 0103 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(K. Davis)*

JAPN 0202 Second-Year Japanese (Spring 2021)

This course is a continuation of JAPN 0201. (JAPN 0201 or equivalent) 3 hrs. lect./3 hrs. drill **LNG**

JAPN 0214 Modern and Contemporary Japanese Women Writers (Spring 2021)

A thousand years ago, women writers dominated the Japanese literary world. Then, for centuries, their skill was discounted, their works overlooked, and their voices silenced. Starting with the nineteenth century, however, Japanese women writers started to reclaim their grandmothers' heritage. They took the male-dominated literary world by assault, pushing boundaries, drawing on their literary legacy and reinventing it, resisting the label of "women's literature" so often pejoratively attached to their works. In this course we will explore these figures of resistance and their multilayered works in the context of the changing socio-political conditions that shaped women's positions in Japanese society. 3 hrs. lect. **AAL**, **LIT**, **NOA**

Cross-listed as: GSFS 0214

JAPN 0215 Modern Japanese Fiction (in English) (Fall 2020)

In this course we will examine the development of Japanese literature from the Meiji restoration (1868) through WWII. During this period of rapid and often tumultuous modernization, fiction played a crucial role in the creation of the nation-state and in the formation of the individual's sense of self. We will read works by writers who participated actively in the imagination of modernity and those who resisted it, including Kunikida Doppo, Higuchi Ichiyo, Natsume Soseki, and Mori Ogai. 3 hrs. lect./disc. **AAL**, **LIT**, **NOA** *(O. Milutin)*

JAPN 0228 Japanese Religions (Spring 2021)

We will begin our study of Japanese religions with the ancient mythology that forms the basis of Shinto (the way of the kami, or gods). We will then consider the introduction of Buddhism, Confucianism, and Daoism to Japan and examine how these traditions were accepted, absorbed, and adapted. We will also investigate Japanese reactions to Christianity in the 16th century and the appearance of "new" Japanese religions starting in the 19th century. Throughout, we will ask how and why Japanese have both adhered to tradition and been open to new religions. 3 hrs. lect./disc. **AAL**, **NOA**, **PHL**

Cross-listed as: RELI 0228 *

JAPN 0235 History of Pre-Modern Japan (Fall 2020)

In this course we will explore the social, cultural, and institutional history of Japan from the eighth century up through the rise of the Tokugawa shogunate in the 17th century. The course is organized thematically to illuminate the different periods of Japanese history, including the imperial origin myth and Heian culture, the frontier and the rise of samurai government, localism and the warring states period, and finally the Tokugawa settlement and the paradoxes of centralized feudalism. Pre-1800. 3 hrs. lect/disc. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: HIST 0235 *

JAPN 0236 The History of Modern Japan (Spring 2021)

In this course we will review the major themes and events of modern Japanese history from the Meiji Restoration (1868) to the present. Through reading a variety of primary texts, historical analyses, and literature, as well as watching films, we will explore the formation of the modern Japanese nation-state, Japan’s colonial project in East Asia, 1920s mass culture, the question of Showa fascism, and Japan’s unique postwar experience, from occupation to high-growth and the “lost decade” of the 1990s. We will pay particular attention to the relationship between changes within Japan and larger global trends. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **SOC**

Cross-listed as: HIST 0236 *

JAPN 0250 Gender in Japan (in English) (Fall 2020)

In this course we will examine changing ideas about gender and sexuality in Japan in the 10th through 20th centuries, with special attention to the modern period. Sources will include literary texts, films, and social/historical studies. We will discuss topics, including women's writing in classical Japan; the commercialization of sexuality in the 18th century; ideas of "homosexuality" in late-medieval and modern times; and women's social roles and political struggles in the 20th century. 3 hr. lect./disc. **AAL**, **LIT**, **NOA** *(L. White)*

Cross-listed as: GSFS 0250

JAPN 0290 The Tale of Genji (in English) (Spring 2021)

/The Tale of Genji/ is the world's first psychological novel. This rich narrative centers on the political intrigues and passionate love affairs of Genji, a fictional prince barred from the throne. In this course we will explore the narrative through a close reading in English translation. Students will gain knowledge of the aesthetic, religious, and social contexts of the Heian period, one of the most vibrant eras in Japanese culture. We will also trace how *Genji monogatari* has been interpreted over ten centuries in art, theater, films, and most recently, manga. (Formerly JAPN 0190) 3hrs. lect/disc. **AAL**, **LIT**

JAPN 0301 Third-Year Japanese (Fall 2020)

This advanced course aims to increase the student's proficiency in modern standard Japanese, both spoken and written. A variety of written and audiovisual materials will be used to consolidate and expand mastery of more advanced grammatical points and vocabulary. Oral presentation, discussion, and composition in Japanese are also important components of the course. (JAPN 0202 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(O. Milutin)*

JAPN 0302 Third-Year Japanese (Spring 2021)

This course is a continuation of JAPN 0301. (JAPN 0301 or equivalent) 3 hrs. lect./3 hrs. drill **LNG**

JAPN 0310 Variation and Change in Japanese (In English) (Fall 2020)

What can linguistic change tell us about human cognition and behavior? How does the notion of "politeness" vary across communities? How do speakers of Japanese perform gender and other social identities? In this course we will address linguistic diversity and dynamism by examining the Japanese language. Topics include workplace discourse and change in honorific systems. Employing classic works in linguistics and addressing contemporary cultural materials such as manga and J-drama we will apply theoretical frameworks from (socio-)pragmatics, historical linguistics and linguistic typology to gain a deeper understanding of how and why Japanese has developed to its present forms and uses. Students with an interest in linguistics, or in teaching and learning language, or science in general, may also enjoy the analytical approach. (No prerequisites. JAPN0103 above or equivalent recommended). Heritage speakers are also welcome. 3 hrs. sem. **AAL**, **NOA**, **SOC** *(S. Abe)*

Cross-listed as: LNGT 0310

JAPN 0401 Advanced Japanese (Fall 2020)

In this course we will read, analyze, and discuss advanced Japanese materials from a variety of modern and contemporary sources. (JAPN 0302 or equivalent) 3 hrs. lect./disc. *(K. Davis)*

JAPN 0402 Advanced Japanese (Spring 2021)

This course is a continuation of JAPN 0401. 3 hrs. lect./disc.

JAPN 0435 Workshop in Literary Translation (Spring 2021)

Literary translation is a valuable but often neglected skill for advanced language learners. In this workshop we will consider the basic theoretical arguments in translation studies influencing translation styles and then practice translation in a variety of literary genres. Sessions will include discussions of translation strategies and active peer critique of sample translations. Each student will produce a substantial translation as the semester project. Topics covered will include: text selection, translation ethics, practical methodologies, and publishing industry standards. (JAPN 0402 concurrent or prior) **AAL**, **LIT**, **LNG**, **NOA**

JAPN 0475 Advanced Reading in Japanese Studies (Fall 2020)

In this course students will read original materials in a variety of disciplines and develop skills to analyze and discuss them in Japanese. Advanced listening practice, oral presentation and academic writing will also be emphasized. (Approval only) 3 hrs. disc. *(K. Davis)*

JAPN 0500 Independent Project (Fall 2020, Spring 2021)

Qualified students may be permitted to undertake a special project in reading and research under the direction of a member of the department. Students should seek an advisor and submit a proposal to the department well in advance of registration for the term in which the work is to be undertaken.

JAPN 0700 Honors Thesis (Fall 2020, Spring 2021)

Students write a thesis in English with a synopsis in Japanese on literature, film, or culture. The topic for the thesis is chosen in consultation with the instructor. (JAPN 0475)

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Jewish Studies Minor

What is Jewish Studies?

Jewish Studies ranges over the study of Jews and Judaism from the Biblical period to the present. It takes Judaism not only as a "religion," but as a civilization and culture encompassing a rich textual tradition, literature in several languages, philosophy and theology, customs and ritual, art, music and film. Jewish Studies is by its nature interdisciplinary and can be approached, for example, from within the disciplines of history, religion, sociology and anthropology, or literary study. The program also sponsors a wide array of lectures and other events, including the annual Hannah A. Quint Lecture in Jewish Studies.

A distinguishing aspect of Middlebury's program is the depth of study possible in Hebrew. Middlebury also offers a Hebrew Minor, with courses in both Modern and Classical Hebrew. Introductory Modern Hebrew is offered every year, and Introductory Classical Hebrew in alternate years, usually in Winter Term. (For Hebrew course descriptions, click on the link to "Courses," upper left.)

Participating Faculty:

Professors: Rebecca A. Bennette (History), Theodore Sasson, (Jewish Studies); O. Larry Yarbrough (Religion); Tamar Mayer (Geography; Robert Cohen (English and American Literatures). *Associate Professors*: Rebecca Bennette (History and Director of the Jewish Studies program); Oz Aloni (Hebrew), Zohar Gazit (Hebrew). *Program Coordinator:* Vijaya L. Wunnava

JWST 0237 The Israeli-Palestinian Conflict in Film (Fall 2020)

In this course we will examine representations of the ongoing Israeli-Palestinian conflict in a wide range of cinematic works and the ways in which films reflect and construct social, cultural, and political realities. Following an introductory unit on Palestinian and Jewish nationalisms, we will address core issues of the conflict (e.g., refugees, settlements, and Jerusalem), everyday life under occupation, and forms of resistance. By discussing fiction films and documentaries we will critically explore social processes, diverse ideologies, unique point of views, and various Israeli and Palestinian narratives. The course is based on lectures, film screenings, class discussions, and student presentations. 3 hrs. lect. **AAL**, **CMP**, **MDE**, **SOC** *(Z. Gazit)*

Cross-listed as: HEBM 0237 *

JWST 0257 The Holocaust (Spring 2021)

Why did the Holocaust happen? How could the Holocaust happen? In this course we will consider several aspects of the Holocaust, including the long-term conditions and events leading up to it, the measures employed in undertaking it, and the aftermath of the atrocities. Beyond a general survey, this course introduces students to the many varying interpretations and historical arguments scholars of the Holocaust have proposed and invites them to discuss and debate these issues in class. 3 hrs. lect./disc. **EUR**, **HIS**

Cross-listed as: HIST 0257 *

JWST 0388 The Book of Job and the Problem of Evil (Spring 2021)

Why do the innocent suffer? The Book of Job asked this question millennia ago, giving not an explicit answer, but at least a response. Framed by a prose tale on the patient Job, the book is mainly a debate in poetry between an impatient Job and his “friends” that has continued to our day, in Jewish, Christian, and Islamic thought, and in philosophy. We will study the debate on the meaning of Job in philosophy and religion through the works of Maimonides, Kant, Hume, Voltaire, William Blake, Jung, and others. Familiarity with Biblical studies or philosophy of religion is helpful, but not required. 3 hrs. sem. **PHL**

Cross-listed as: RELI 0388 *

JWST 0458 Merchants of Venice (Spring 2021)

In this class we will read Shakespeare’s *The Merchant of Venice* from different perspectives, including those of race, religion, gender, staging, and form, engaging the play at the level of rhetorical analysis, textual history, character analysis, source analysis, stage and film history, and current performance. We will study contemporaneous dramas resembling *The Merchant of Venice* (e.g., *Three Ladies of London*, *Jew of Malta*, *Othello*). Throughout, we will consider the multiple attitudes towards Jewishness and Judaism implicit in the play, its performance history and its literary and cultural influence. Finally, we will study the literary legacy of *The Merchant of Venice*, from the early modern period up to our own times. The class should also give us an opportunity to enhance our skills in rhetorical analysis, writing, speaking, and research. 3 hrs. sem. **EUR**, **LIT**

Cross-listed as: ENAM 0458 *

HEBM 0101 Introductory Modern Hebrew I (Fall 2020)

In this course students will become acquainted with the basic grammatical and formal concepts necessary for the comprehension of the Modern Hebrew language. We will focus on the fundamentals of reading, writing, listening, and speaking, with a particular emphasis placed on the acquisition of conversational ability. We will also make use of audiovisual, situational, and cultural exercises, and give attention to the elements of Classical form and style that provided a foundation for Modern Hebrew, which was revived as a vernacular in the late 19th century. No previous knowledge of Hebrew is required. 6 hrs. **LNG** *(F. Alasiri)*

HEBM 0103 Introductory Modern Hebrew III (Spring 2021)

This course is a continuation of Modern Hebrew 0102 which will be offered during winter term. Students will further develop their skills in written and oral communication, and will expand their knowledge of the cultures of modern Israel through both audio and visual media. (HEBM 0102 or equivalent) 5 hrs. lect. **LNG**

HEBM 0201 Intermediate Modern Hebrew I (Fall 2020)

This course is a continuation of HEBM 0103. Using authentic audio and visual materials, we will place emphasis on developing the skills required for intermediate-level written and communicative competence. In addition, students will gain a deeper understanding of the forms and style of Classical Hebrew, both of which are necessary for formal composition, interaction, and reading comprehension in Modern Hebrew. (HEBM 0103 or equivalent) 5 hrs. lect/disc **LNG** *(O. Tzuriel)*

HEBM 0237 The Israeli-Palestinian Conflict in Film (Fall 2020)

In this course we will examine representations of the ongoing Israeli-Palestinian conflict in a wide range of cinematic works and the ways in which films reflect and construct social, cultural, and political realities. Following an introductory unit on Palestinian and Jewish nationalisms, we will address core issues of the conflict (e.g., refugees, settlements, and Jerusalem), everyday life under occupation, and forms of resistance. By discussing fiction films and documentaries we will critically explore social processes, diverse ideologies, unique point of views, and various Israeli and Palestinian narratives. The course is based on lectures, film screenings, class discussions, and student presentations. 3 hrs. lect. **AAL**, **CMP**, **MDE**, **SOC** *(Z. Gazit)*

Cross-listed as: JWST 0237

HEBM 0500 Independent Project (Fall 2020, Spring 2021)

(Approval Required)

HEBR 0500 Independent Study (Fall 2020, Spring 2021)

Approval required.

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Linguistics Minor

The linguistics minor consists of a minimum of **five courses**: two required introductory level courses and three electives.

Required courses for the minor are as follows:
LNGT 0101 Introduction to Linguistics
LNGT 0102 Introduction to Sociolinguistics or LNGT/ANTH 0109 Language, Culture, Society

Electives include the following:
LNGT 0226 Phonetics and Phonology
LNGT 0250 Morphology and Syntax
LNGT 0280 Formal Semantics
LNGT/WRPR 0110 English Grammar: Concepts & Controversies
LNGT/EDST 0205 Second Language Acquisition and Educational Technology
LNGT/JAPN 0210 Japanese Linguistics
LNGT/ARBC 0225 Arabic Linguistics
LNGT/ARBC 0227 Arabic Sociolinguistics
LNGT/RUSS 0232 Nature and Origin of Language
LNGT/CHNS 0270 Chinese Sociolinguistics
LNGT/SPAN 0303 Introduction to Spanish Phonetics/Pronunciation (taught in Spanish)
LNGT/JAPN 0310 Variation & Change in Japanese
LNGT/SPAN 0317 Spanish Pronunciation (taught in Spanish)
LNGT/SPAN 0322 Introduction to Hispanic Linguistics (taught in Spanish)
LNGT/SPAN Bilingualism in the Spanish-speaking World (taught in Spanish)
LNGT/PHIL 0354 Philosophy of Language
LNGT/GRMN 0370 German Linguistics (taught in German)
LNGT/SPAN 0390 Linguistic Variation (taught in Spanish)
LNGT/ANTH 0395 Environmental Communication
LNGT/ARBC 0421 Arabic Linguistic Variation (taught in Arabic)
LNGT/SPAN 0426 Spanish in the US (taught in Spanish)
LNGT/ARBC 0435 Arabic Diglossia (taught in Arabic)
LNGT/ANTH 0459 Language and Power
LNGT 1001 Introduction to Translation Studies
LNGT/EDST 1003 Introduction to TESOL

Please Note: Students are advised to check with the director for a complete list of courses that count as electives. All electives are taught in English, unless otherwise indicated.

LNGT 0109 Language, Culture and Society (Fall 2020)

In this course students will be introduced to the comparative, ethnographic study of language in relation to socio-cultural context. Our readings will be drawn from diverse global settings and will focus upon language as the means by which people shape and are shaped by the social worlds in which they live. We will examine contrasts in ways of speaking across different communities, personal identities, and institutions. We will explore the consequences of communicative difference across a range of contact situations, including everyday conversation among peers, service encounters, political elections, and global connections or disconnections made possible through new media. 3 hrs. lect./disc. *(Anthropology)/* **CMP**, **SOC** *(M. Nevins)*

Cross-listed as: ANTH 0109 *

LNGT 0226 The Sounds of Language: Introduction to Phonetics and Phonology (Fall 2020)

In this course we will study the description and analysis of speech: how the sounds of language are physiologically produced, acoustically represented, and psychologically perceived and categorized. Through acoustic and phonological analysis, students will develop the skills to distinguish and produce the sounds of the world’s languages, as well as explore the sound systems of different languages, in order to determine which patterns differ and which patterns are common to all. Students will hone their analytical and technical skills by solving phonological problem sets as well as by using computer software (Praat) to analyze the acoustics of speech. 3 hrs. lect./disc. **SCI** *(M. Rohena-Madrazo)*

LNGT 0227 Arabic Sociolinguistics (taught in English) (Spring 2021)

In this course we will focus on the inter-relationships between the way Arabic is used by native speakers and the various social contexts affecting that usage. In particular, we will discuss the phenomenon of diglossia in Arabic speech communities (that is, the co-existence of Modern Standard Arabic with the vernacular Arabic dialects of today); aspects of linguistic variation and change in the Arab world; the relation between register and language; as well as the relation between language and such sociological variables as education, social status, political discourse, and gender. Readings are primarily drawn from sociolinguists' studies in the Arab world. (ARBC 0101 or instructor's approval) 3 hrs. lect./disc. **AAL**, **MDE**, **SOC**

Cross-listed as: ARBC 0227 *

LNGT 0270 Chinese Sociolinguistics (taught in English) (Spring 2021)

Sociolinguistics is mainly concerned with the interaction of language and society. The language situation in China is unique both in the modern world and in human history. We will gain a good understanding of sociolinguistics as a scientific field of inquiry through exploring the Chinese situation in this course. Some of the questions we will ask are: What is Mandarin (Modern Standard) Chinese? Who are "native speakers" of Mandarin? Are most Chinese people monolingual (speaking only one language) or bilingual (speaking two languages) or even multilingual? How many "dialects" are there in China? What is the difference between a "language" and a "dialect"? Are Chinese characters "ideographs", i.e., "pictures" that directly represent meaning and have nothing to do with sound? Why has the pinyin romanization system officially adopted in the 1950s never supplanted the Chinese characters? Why are there traditional and simplified characters? We will also explore topics such as power, register, verbal courtesy, gender and language use. Students are encouraged to compare the Chinese situation with societies that they are familiar with. (One semester of Chinese language study or by waiver) **AAL**, **NOA**, **SOC**

LNGT 0280 Semantics, Logic, and Cognition (Spring 2021)

Using logical and mathematical tools, formal semantics answers the following questions: Why do sentences mean what they mean? How is reasoning possible? How does language structure our understanding of time, change, knowledge, morality, identity, and possibility? We will evaluate several formal-semantic models from philosophical, linguistic, and psychological perspectives. This course is well suited for students interested in computer science, linguistics, logic, mathematics, neuroscience, philosophy, or psychology. (Some prior familiarity with formal logic is recommended, but not required.) 2 hrs. lect./1 hr. disc **DED**, **PHL**

Cross-listed as: PHIL 0280 *

LNGT 0310 Variation and Change in Japanese (In English) (Fall 2020, Spring 2021)

What can linguistic change tell us about human cognition and behavior? How does the notion of “politeness” vary across communities? How do speakers of Japanese perform gender and other social identities? In this course we will address linguistic diversity and dynamism by examining the Japanese language. Topics include workplace discourse and change in honorific systems. Employing classic works in linguistics and addressing contemporary cultural materials such as manga and J-drama we will apply theoretical frameworks from (socio-)pragmatics, historical linguistics and linguistic typology to gain a deeper understanding of how and why Japanese has developed to its present forms and uses. Students with an interest in linguistics, or in teaching and learning language, or science in general, may also enjoy the analytical approach. (No prerequisites. JAPN0103 above or equivalent recommended). Heritage speakers are also welcome. 3 hrs. sem. **AAL** (Fall 2020), **NOA** (Fall 2020), **SOC** (Fall 2020) *(Fall 2020: S. Abe)*

Cross-listed as: JAPN 0310 *

LNGT 0321 Language Endangerment and Renewal (Spring 2021)

Out of the world's roughly 7000 languages, 3000 are at risk for falling out of use in their communities of origin. Most endangered languages are indigenous, their speakers having responded to colonial dispossession by shifting to politically and economically dominant languages. While all languages change, indigenous language endangerment represents an unprecedented loss of global linguistic diversity. Some communities have responded to the threat of language loss with programs designed to revitalize and renew heritage languages for future generations. Drawing upon comparative case studies from around the world, this class establishes a linguistic anthropological approach to language endangerment, renewal, and revitalization. 3 hrs. lect. **CMP**, **SOC**

Cross-listed as: ANTH 0321

LNGT 0322 Introduction to Hispanic Linguistics (Spring 2021)

This course is an introduction to the theory and methodology of linguistics as applied to the study of Spanish. The course's goals are to understand the basic characteristics of human language (and of Spanish in particular), and to learn the techniques used to describe and explain linguistic phenomena. We will study the sound system (phonetics/phonology), the structure of words (morphology), the construction of sentences (syntax), as well as the history and sociolinguistic variation of the Spanish language, as spoken in communities in Europe, Latin America, and Northern America. We will examine texts, speech samples, and songs, illustrating these linguistic phenomena. (SPAN 0220 or placement) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC**

Cross-listed as: SPAN 0322 *

LNGT 0354 Philosophy of Language (Spring 2021)

Speaking a language is a complex form of behavior that plays a rich and varied role in human life. The philosophy of language seeks to give a philosophical account of this phenomenon, focusing on such questions as: How does language gain meaning? How does it differ from animal communication? Is language in some sense innate? Other topics to be addressed include: theories of reference and truth; the relation between language, thought, and reality; and theories of metaphor. Readings from philosophers and linguists will include works by Frege, Russell, Wittgenstein, Chomsky, and Pinker. (Previous course in philosophy or waiver; PHIL 0180 is also strongly recommended)3 hrs lect. **PHL**

Cross-listed as: PHIL 0354 *

LNGT 0377 Bilingualism in the Spanish-Speaking World (Fall 2020)

What does it mean to be bilingual? In this course we will study bilingualism with a special emphasis on Spanish-speaking bilinguals in Europe, Latin America, and the United States. Course topics will include social, political, linguistic, and psychological aspects of bilingualism. Special attention will be paid to societal bilingualism, language use among a group or community, individual bilingualism, how an individual's language use changes in different contexts and throughout an individual's lifespan, and government and educational policies throughout the Spanish-speaking world. We will study texts, speech samples, and media that highlight different aspects of bilingualism. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC** *(B. Baird)*

Cross-listed as: SPAN 0377 *

LNGT 0395 Language and the Environment (Spring 2021)

Do languages simply put different labels on the environment, from rocks to trees to carbon, or are what we see and what we value shaped by the ways that we talk about it? Drawing upon ethnography, linguistics, and critical discourse analysis, we will explore how environmental perceptions and modes of action are formed in and through language. We will bring an appreciation of language differences to the analysis of ongoing environmental controversies, where the various stakeholders draw contrasting boundaries between nature and culture and define human involvement with nature in different ways. 3 hrs. lect./disc. *(Anthropology)/* **CMP**, **SOC**

LNGT 0500 Independent Work (Fall 2020, Spring 2021)

(Approval Required)

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Program in Literary Studies

Required for the Major:

The overall design of the program is simple, and its expectations are clearly defined. This is a program of study designed for students who by the time of their graduation from Middlebury wish to secure a comprehensive background in a full range of major achievements of world literature, as well as an ability to read and appreciate works of literature in at least one language other than English. To accomplish those ends, each Literary Studies major is required to take a total of 15 courses in literature over the course of four years. No more than six of these courses may be taken within a single department, and the individual courses may be selected from the literature of any language and of any period. They can be wide-ranging surveys or courses devoted to the study of single authors. The specific selection of courses is entirely up to the student, but in order to fulfill the requirements for the major, he or she will be expected to take: (a) two courses—one historical, one generally theoretical in orientation —selected from the list specified below under the "Summary of Major Requirements"; (b) one literature course in a foreign language (including Greek and Latin)—normally 0300-level (though FREN 0210 and the FREN 0200-series will usually qualify); and (c) a Colloquium for majors to be taken during the fall semester of the senior year. In addition, in conjunction with an independent reading course taken during the fall semester of the senior year, the student will arrange to take a one-hour oral examination in an area of specialization (as described below) that he or she has defined. This oral examination takes place at the end of the fall semester, and it is followed by a five-hour written comprehensive examination at the end of winter term. The written examination will require the student to demonstrate a knowledge of a range of major works by the authors listed below. For reasons of practicality, the number of authors from this list whose works students will actually have an opportunity to discuss on the comprehensive examination in any given year will be limited to 12. The following current list will give the student a clear sense of the particular range of major authors it is presumed that he or she will be familiar with by senior year:

Homer
Aeschylus
Sophocles
Vergil
Ovid
Lucretius
Dante
Boccaccio
Pirandello
Cervantes
Tirso de Molina
Calderón
Lope de Vega
Borges
Moliere
Baudelaire
Proust
Goethe

Kafka
Mann
Wang Wei
Cáo Xuegin
Lu-Xùn
Gogol
Dostoevsky
Tolstoy
Shakespeare
Milton
Wordsworth
Joyce
Emerson
Melville
Faulkner
Murasaki Shikibu
Chikamatsu Monzaemon
Natsume Soseki

In addition to works by authors whose names appear on this primary list, Literary Studies majors will be urged to deepen their general cultural background by becoming acquainted with the Old and New Testaments (especially Genesis, Psalms, Job, Song of Songs, Matthew, John, Revelation, and the Epistle to the Romans), as well as principal works of Plato, Aristotle, Rousseau, Darwin, Marx, and Freud. A full list of the specific works by these authors included on the current Literary Studies comprehensive reading list is available on the Literary Studies Program website, or from the directors of the program.

Beyond the two historical and theoretical courses required for the program (both of which are counted toward the major), the 0300-level foreign language literature course, the senior year colloquium (LITS 0705) and independent reading course (LITS 0701), and the total of 15 courses, the general, defining requirement for the Literary Studies major is the winter term comprehensive examination (LITS 0700), the overall range of which is specified in the comprehensive reading list. In the process of working toward this general literary education, the student will also be expected to use the independent reading course (LITS 0701) to focus on a group of works chosen to represent an individual specialization in the literature of a particular culture (e.g., German, English, American, Spanish, Russian, Chinese, etc.), or period (e.g., the eighteenth century, the twentieth century, etc.), or genre (e.g., the novel, the drama, lyric poetry, etc.). The specific authors and the 10 to 12 texts selected by the student for this specialization will be approved by the director in conjunction with two faculty examiners with relevant expertise in the fields represented. This oral examination is the culmination of the independent reading course (LITS 0701) in the fall semester. At the end of the following winter term, there is a five-hour written winter term comprehensive examination based on the reading list. Students qualifying for honors (a B+ average in the major, including the comprehensive examination) will complete a Senior Honors Essay (LITS 0710) in their final semester.

After completing all the specified requirements, the student will be graduated from Middlebury College as a Literary Studies major with a particular area of interest: for example, epic poetry, European drama, Japanese literature, the literature of the nineteenth century, etc. Should the student wish to pursue graduate study, depending on the nature of his or her interests and preparation, the student would be in a good position to do so in such fields as English or American literature, comparative literature, or the literature of a specific foreign language; in

addition, he or she would have a secure background for further studies in such fields as law, political philosophy, religion, journalism, publishing, medicine, and cultural and intellectual history. Literary Studies majors have gone on to do work in all these areas.

As indicated above, students will be eligible for departmental honors in Literary Studies if in their combined performance in literature courses and on the two parts of the comprehensive examination they have achieved an average grade of B+ or higher. Honors will be awarded on the basis of the overall grade average in the major, performance on the comprehensive examination, and a senior honors essay of 30-40 pages to be completed during the spring semester of the senior year (this project counts as one course). A one-hour oral examination on the content and implications of this honors essay is also required, and this examination will be conducted by two faculty members with particular expertise in the fields represented.

Summary of Major Requirements:

Total of 15 courses (no more than six in any one department).

(1) Two courses selected from the historical and theoretical courses listed below, one from each category, as currently offered. (With the permission of the director, alternative courses may be substituted for those specified here.)

Historical:

CLAS 0150 Greek and Roman Epic

CLAS 0152 Greek Tragedy

RELI 0180 Introduction to Biblical Literature

PSCI 0101 Introduction to Political Science

Theoretical:

ENAM 0205 Contemporary Literary Theory

(2) One course in literature in a foreign language (normally 0300 level, but FREN 0201 and FREN 0220 series would usually qualify).

(3) At least four literature courses, but no more than six, to be taken within a single department. (Courses in language instruction may not be counted toward this requirement.)

(4) Independent Reading Course (LITS 0701) in Area of Specialization (by genre, period, theme, or national literature), an area of particular interest defined by the student in consultation with the director. A one-hour oral examination, to be taken in the fall semester before the winter term written comprehensive examination in the senior year, is devoted to this area of special interest. The 10 to12 texts required for this examination will be chosen by the student in conjunction with the director and two faculty examiners with appropriate backgrounds in the fields represented.

(5) Senior Colloquium for majors (LITS 0705, open to non-majors if space is available), focused on a range of works on the comprehensive reading list.

(6) Senior Comprehensive Examination (LITS 0700) in preparation for the written comprehensive examination. Students engaged in such preparation arrange to meet with one

another over the course of winter term, and often solicit faculty participation in discussions of individual texts they have chosen to work on as a group.

(7) Written Comprehensive Examination (LITS 0700) (on works that appear on the Literary Studies comprehensive reading list), taken at the end of winter term of the senior year. As indicated, this five-hour written examination represents the second part of the comprehensive requirement, the oral specialization examination in LITS 0701 being the first.

(8) Students achieving an average grade of B+ or higher in the program will be eligible for honors. Honors will be awarded on the basis of the overall grade average in courses in the major, performance on the comprehensive examination, and a senior honors essay of 30-40 pages, to be completed (for one course credit) during the spring semester of the senior year; a one-hour oral examination on the content of this essay is administered by two faculty examiners with expertise in the field of investigation represented.

Please Note: **Any literature course in the Middlebury College curriculum (and in approved programs abroad or at other U.S. institutions) may be used to fulfill the requirements in the Program in Literary Studies**. Hence, in addition to the specific LITS course descriptions indicated below, students majoring in Literary Studies as well as non-majors with an interest in literature are urged to read through the entire literature offering by various departments (including language departments) to secure a full sense of the range of courses available in any academic year.

LITS 0500 Independent Research Project (Fall 2020, Spring 2021)

(Approval Required) (Staff)

LITS 0510 Independent Essay Project (Fall 2020, Spring 2021)

(Approval Required) *(Fall 2020: M. Hatjigeorgiou)*

LITS 0701 Independent Reading Course (Fall 2020, Spring 2021)

Intended for majors in literary studies preparing for the senior comprehensive examinations. At the conclusion of this course, students will take a one-hour oral examination (part of the senior comprehensive examination) in a specialization of their choice. (Approval Required) (Staff)

LITS 0705 Senior Colloquium in Literary Studies (Fall 2020)

Although it is required of all Literary Studies seniors, this course is intended for students working in any discipline who seek a close encounter with some of the greatest achievements of the literary imagination. In addition to being understood as distinctive artistic and philosophical accomplishments, the major works which constitute the reading list will also be seen as engaged in a vital, overarching cultural conversation across temporal and geographical boundaries that might otherwise seem insurmountable. The texts for this semester include Homer's *Odyssey*, Aeschylus' *Oresteia*, Cervantes' *Don Quixote*, Dostoevsky' *Crime and Punishment*, Pirandello' *Six Characters in Search of an Author*, and Borges' *Ficciones*. (Open to non-majors with the approval of the instructor.) 3 hrs. sem. *(P. Sfyroeras)*

Cross-listed as: ENAM 0705

LITS 0710 Senior Honors Essay (Fall 2020, Spring 2021)

(Approval Required)

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Department of Luso Hispanic Studies

Major in Spanish: The major consists of a minimum of nine courses numbered 0300 or above. The requirements are as follows:

I. Eight courses from the 0300-0399 level.

- A maximum of three courses from the 0300-0349 level may count towards the major (one must be taken before studying abroad)
- At least five courses must be at the 0350 level or above.
- At least two of these 0350 level or above courses must be taken at Middlebury College during the academic year. The other elective courses may be taken on the Middlebury College campus during the academic year or at the Middlebury College Spanish School, the School in Spain, the Schools in Latin America, or, with departmental approval, at study abroad programs in Latin America sanctioned by Middlebury's Programs Abroad Committee.

II. A 0400-level seminar must be taken on the Middlebury College campus during the academic year in the student's senior year.

- Study abroad in in a Spanish-speaking country for at least one semester is highly recommended and a course at the 300 level is required before studying abroad. Students are expected to consult with their advisor when selecting courses and making plans to study abroad.

Joint Major: The Spanish component of a joint major will consist of at least six courses from departmental offerings numbered 0300 and above, as follows:

II. Five courses from the 0300-0399 level.

- A maximum of one course from the 0300-0349 level may count towards the major. (must be taken before studying abroad)
- At least four courses must be at the 0350 level or above.
- At least two of these 0350 level or above courses must be taken at Middlebury College during the academic year. The other elective courses may be taken on the Middlebury College campus during the academic year or at the Middlebury College Spanish School, the School in Spain, the Schools in Latin America, or, with departmental approval, at study abroad programs in Latin America sanctioned by Middlebury's Programs Abroad Committee.

II. A 0400 level seminar must be taken on the Middlebury College campus during the academic year in the student's senior year.

- Study abroad in a Spanish-speaking country for at least one semester is highly recommended and a course at the 300 level is required before studying abroad. Students are expected to consult with their advisor when selecting courses and making plans to study abroad.

Spanish Courses

• Courses labeled SPAN 0100 through 0299 are Elementary, Intermediate and Advanced Intermediate language instruction focused on developing skills in speaking, listening comprehension, reading and writing.

• Courses labeled SPAN 0300 through 0349 introduce writers and significant themes in literature, film, linguistics, and culture & civilization. These courses are closed to juniors and seniors returning from study in Spain or Latin America.

• Courses labeled SPAN 0350 through 0399 are advanced offerings that explore in greater depth a specific line of inquiry, literary, cultural or linguistic issue, or theme in Spanish and Spanish American writing and thought, and satisfy the International Studies advanced language requirement in Spanish.

Courses taken abroad will count as this level, regardless of their course number.

• Courses labeled SPAN 0400 and above are reserved for seniors who are Spanish majors, Latin American Studies majors with a literature and culture track, and European Studies majors with a Spanish literature and culture track; others only by approval.

Minor in Spanish: The Spanish minor consists of at least four courses numbered 0300 or above, at least two of which are at the 0350-level or above. Courses can be taken on campus during the academic year or at the Middlebury College Spanish School, the School in Spain, the Schools in Latin America, or, with departmental approval, at study abroad programs in Spain or Latin America sanctioned by Middlebury's Programs Abroad Committee. At least one 0350-level or above course must be taken at the Middlebury College campus during the academic year.

Senior Work: During the senior year, majors and joint majors must complete a 0400-level seminar.

International and Global Studies Major with Spanish Language: Along with other required courses and senior work as described in the International and Global Studies Major section, completion of the Spanish language component requires: (1) proficiency in Spanish (a minimum of one course at the 0300 level or above, or work in the Spanish summer school at the 0300 level or above); (2) at least one semester, preferably a year, abroad in a Spanish-speaking country; and (3) one or more courses at or above the 0350 level upon return from abroad.

Advanced Placement: College credit is awarded for successful performance on the Advanced Placement Examinations in Spanish Language and/or Spanish Literature. In all cases the student must satisfactorily complete a course at the 0300 level before the credit will be awarded. AP credit does not affect course placement, nor does it count towards the major or minor. There is a maximum of one credit allowed for Spanish AP.

Programs Abroad for Juniors: The department expects that majors will spend at least one semester in residence in a Spanish-speaking country. Middlebury's School in Spain offers both year and semester programs in Madrid. Sites in Cordoba, Getafe, and Logroño are designed for immersion in the Spanish university system. Middlebury's Schools in Latin America (Argentina, Chile, México and Uruguay) offers both year and semester programs. Internship opportunities are available. For more information on these programs, please see the Schools Abroad Web page: http://www.middlebury.edu/sa/. Students who are interested in going abroad and who are also double or joint majors or are thinking of participating in the teacher education program should consult with their advisors in both areas as early as possible to avoid any conflict in plans.

Students who are planning to study abroad at the C.V. Starr-Middlebury Schools in Spain or Latin America are required to have taken at least one course at the 0300 level or above.

Honors: The department will award honors on the basis of a student's work in the department and performance in SPAN 0705. All students interested in receiving honors must contact their advisors at the start of their last year at Middlebury; either in September or in February. Please see the course description for SPAN 0705.

Portuguese

Minor in Portuguese: The Portuguese minor consists of at least four courses numbered 0300 or above, at least two of which are at the 0350-level or above. Courses can be taken on campus during the academic year or at the Middlebury College Portuguese Language School, the C.V. Starr-Middlebury School in Brazil, or, with departmental approval, at study abroad programs in Lusophone countries sanctioned by Middlebury's Programs Abroad Committee. At least one 0350-level or above course must be taken at the Middlebury College campus during the academic year.

International Studies: Latin American studies majors with a track in the literature and culture of Brazil must take, in addition to their core and regional requirements: PGSE 0202 or its equivalent, four upper level courses in literature or culture taken at Middlebury or in Brazil, and PGSE 0500 during the senior year. At least one elective must be taken at Middlebury during the academic year.

PGSE 0210 Accelerated Beginning Portuguese (Fall 2020, Spring 2021)

This course is an intensive and fast-paced introduction to Portuguese, covering all of the basic structures and vocabulary as well as important aspects of the cultures of Lusophone countries. Within a cultural context, emphasis will be placed on active communication aimed at the development of comprehension, speaking, reading, and writing. Students are expected to continue with PGSE 0215, after successful completion of PGSE 0210. Open to all students. 6 hrs. lect./disc. **LNG** *(Fall 2020: F. Rocha)*

PGSE 0215 Advanced Portuguese (Fall 2020, Spring 2021)

This course is a continuation of PGSE 0210. It is designed to balance textual and cultural analysis with a thorough review of grammar at an intermediate/high level. Students will hone their critical thinking and linguistic skills through guided readings, oral discussions, and short written assignments on Lusophone cultural topics. (PGSE 0103 or PGSE 0210 or by waiver) 4 hrs. lect./disc. **LNG** *(Fall 2020: D. Silva)*

PGSE 0340 Race, Sex, and Power in the Lusophone World (Spring 2021)

How do race and sex intersect in the Lusophone world? What can they teach us about the power dynamics behind world-shaping events such as the Inquisition, colonialism, slavery, miscegenation, nationhood, and even plastic surgery? We will explore the connections between violence, racial identity, gender, and sexualityin the histories and cultures of Lusophone nations. Content covered will include literature, film, television, music, historical documents, and interdisciplinary scholarship that offer different insights into how racial and sexual discourses and practices shape or contest power structures. (PGSE 0215 or equivalent) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC**

PGSE 0355 Brazilian Cinema: The Wide Angle (Spring 2021)

In this course we will focus on how Brazilian cinema, from the 1950s popular *chanchada* comedies onwards, has attempted to represent and give voice to subaltern social groups and subjectivities. The *sertanejos* and *favelados*, Indigenous and Black Brazilians, women and LGBTQ+, inmates and revolutionaries, are all in front of the lens, but often holding the camera as well. Films will be from different modes of production, ranging from mass production to independent. Analyses will be informed by readings on film theory and criticism, subalternity, queer theory, feminism, critical race theory, social analysis, and history. (PGSE 0215, or by approval) 3 hrs lect **AAL**, **AMR**, **ART**, **LNG**

PGSE 0357 The Luso Hispanic Fiction Writer (Fall 2020, Spring 2021)

In this course we will study the representation of the writer of fiction in Luso-Hispanic contemporary narrative. As Julio Premat argues, writers often understand their task not only as the creation of literary works, but also as the fashioning of an authorial self within fiction and through essays, interviews, photographs. We will study how and why such images are crafted, and how they reflect ideas about the aesthetic and political role of the writer, the “truth” of fiction, the interplay between literature and reality, and the relationship between authorship and gender. Portuguese-language texts will be read in Spanish translation. (Two Spanish courses at the 0300-level or above, or waiver) 3 hrs. lect./disc. **AAL** (Fall 2020), **AMR** (Fall 2020), **LIT** (Fall 2020), **LNG** (Fall 2020) *(Fall 2020: L. Castaneda)*

Cross-listed as: SPAN 0357 *

PGSE 0375 Colonial Discourse and Its Legacies in the Lusophone World (Fall 2020)

In this course we will critically analyze the meanings and ideas that shaped and undergirded European colonialism and its legacies in the interconnected realms of culture, race, language, gender, sexuality, and labor. In addition to studying the colonial period, we will pay particular attention to how the discourses of colonialism impact power structures concerning nation, globalization, and cultural consumption. In doing so, we will also address the problematics of the concept of “Lusophone,” starting with the historical legacies and cultural implications of such a transnational entity. Course materials will include critical theory, historical sources, literary texts, visual media, and music from Brazil, Lusophone Africa, Lusophone Asia, and Portugal. (PGSE 215 or equivalent) 3hrs. lect./disc. **AAL**, **AMR**, **CMP**, **LNG**, **SOC** *(D. Silva)*

Cross-listed as: CMLT 0375

PGSE 0500 Independent Study (Fall 2020, Spring 2021)

(Approval Required)

SPAN 0101 Beginning Spanish I (Fall 2020)

This course is an introduction to the fundamentals of grammar and focuses on the development of four skills in Spanish: comprehension, speaking, reading, and writing. Emphasis will be placed on active communication aimed at the development of oral and comprehension skills. This course is for students who have not previously studied Spanish. Students are expected to continue with SPAN 0102 and SPAN 0103 after successful completion of SPAN 0101. 5 hrs. lect./disc. *(P. Saldarriaga)*

SPAN 0104 Beginning Spanish II (Fall 2020, Spring 2021)

This course is a continuation of SPAN 0101. Intensive reading, writing, and oral activities will advance students’ proficiency in Spanish in an academic setting. (SPAN 0101 or placement exam) 6 hrs. lect./disc. *(Fall 2020: G. Gonzalez Zenteno)*

SPAN 0201 Intermediate Spanish (Fall 2020, Spring 2021)

This accelerated course is designed to review, reinforce, and consolidate the linguistic structures that students need in order to reach the intermediate level of proficiency in Spanish. A grammar review will accompany intensive language acquisition, vocabulary expansion, readings, discussions, and compositions. (Placement test required) 3 hrs. lect., 1 hr. drill. **LNG** *(Fall 2020: N. Poppe, M. Manrique-Gomez)*

Cross-listed as: SPAN 0250 SPAN 0220 *

SPAN 0220 Intermediate Spanish II (Fall 2020, Spring 2021)

A course for students seeking to perfect their academic writing skills in Spanish. The course is also an introduction to literary analysis and critical writing and will include reading and oral discussion of literary texts. The course will also include a thorough review of grammar at a fairly advanced level. This course may be used to fulfill the foreign languages distribution requirement. (SPAN 0201, SPAN 0210, or placement) 3 hrs. lect./disc. **LNG** *(Fall 2020: M. Rohena-Madrazo, R. Albarran, I. Feldman, L. Lesta Garcia)*

Cross-listed as: SPAN 0250 SPAN 0201

SPAN 0250 Spanish for Heritage Speakers (Spring 2021)

This course is specifically designed for heritage speakers, i.e., individuals who grew up speaking Spanish at home but were formally educated in another language, or individuals from similar contexts. In this course students will learn about different aspects of their own varieties of Spanish, social perceptions towards them, and how these varieties are valid forms of communication. Additionally, students will study grammatical differences between their varieties of Spanish and a more formal, academic Spanish. The grammatical aspects will primarily focus on written Spanish, vocabulary, and verb tenses that tend to vary in different varieties of Spanish. (Taken in place of SPAN 201/220, by placement exam or waiver) 3 hrs. lct. **LNG**

Cross-listed as: SPAN 0201 SPAN 0220 *

SPAN 0300 An Introduction to the Study of Hispanic Literature (Fall 2020)

This course in literature and advanced language is designed to introduce students to literary analysis and critical writing. The work will be based on the reading of a number of works in prose, drama, and poetry. Frequent short, critical essays will complement readings and provide students with practice in writing. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **AMR**, **CMP**, **CW**, **LIT**, **LNG** *(I. Feldman)*

SPAN 0302 Creative Non-Fiction in Spanish (Fall 2020)

This course will introduce students to creative non-fiction in the Spanish language. We will explore the techniques and literary skills necessary for researching and writing memoirs and personal essays, and students will produce at least three polished essays. Readings will include Spanish and Latin American masters and theorists of the genre will include Borges, Cortázar, Castellanos, Larra, Hostos, Paz, and Poniatowska. (SPAN 0220 or by placement) 3 hrs. lect. **AAL**, **AMR**, **ART**, **CW**, **LIT**, **LNG** *(G. Gonzalez Zenteno)*

SPAN 0306 Narratives of Diversity in 21st Century Spain (Spring 2021)

In this course we will explore recent Spanish voices that denounce the inequalities suffered historically by minorities in that country. These narratives strive to criticize oppression and to create a more inclusive space of coexistence. We will analyze the memoirs of the Afro-Spanish activist Desiree Bela-Lobedde and of the Asian-Spanish singer Chenta Tsai. We will also analyze queer cultures in rural spaces, and the controversial use of flamenco by singer Rosalía, among other topics. Finally, through the essay *Ofendiditos* by Lucía Litjmaer, we will analyze the reactions that these narratives encounter in the current Spanish and international political climate. (SPAN 220 or equivalent). 3 hrs.lect./disc **EUR**, **LNG**

SPAN 0307 Ideas and Cultures of the Southern Cone (Spring 2021)

What's in a name? A sub-region of Latin America, the Southern Cone consists of three countries marked by cultural, geographical, historical, sociopolitical (dis)connection. In this course we will approach Argentina, Chile, and Uruguay not only as nations, but as a region with extensive transnational connections. Through analysis of a wide-range of cultural products like Ercilla's early modern epic poem *La Araucana*, Figari's paintings depicting *candombé* culture, and films of the New Argentine Cinema, we will study aspects of the cultural identities and intellectual histories of these countries and the region. (SPAN 0220 or placement) 3 hrs. lect./disc **AAL**, **AMR**, **LIT**, **LNG**

SPAN 0308 A Bridge Between Nations: Introduction to Galician Culture and Language (Fall 2020)

Galicia is a cultural region in the Iberian Peninsula. In this course we will explore how the study of the Galician region, its language and culture, can help us develop a deeper understanding of the Luso-Hispanic world. This will be an interdisciplinary course in which we discuss history and politics (formation of the region, its place in the globalized world and Spain); key sociolinguistic terms (diglossia, minoritized/minority language); and cultural manifestations while we explore and learn a new, but familiar, language. (SPAN 220 or PGSE 0215 or equivalent). 3 hrs.lect./disc **CMP**, **EUR**, **LNG** *(L. Lesta Garcia)*

SPAN 0315 Hispanic Film (Fall 2020)

The cinema is a space of social interaction, of entertainment, of bodily (dis)pleasure, of cultural critique, of commerce, of many things. In this course we will study, with a focus on comparative analysis, the text and context of films produced throughout the Hispanic world. Through examining the work of filmmakers from diverse backgrounds, we will closely analyze film form and engage key debates in film theory such as authorship, genre (comedy, documentary, melodrama, etc.), and (trans)national cinema, as well as explore the ways in which class, culture, disability, history, politics, race, and sexuality are represented cinematically. Critical, scholarly, and theoretical readings will supplement film viewings. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **ART**, **CMP**, **LNG** *(N. Poppe)*

SPAN 0320 Hispanic Creative Writing (Spring 2021)

In this course we will focus on creative writing as a way to develop a deeper understanding of the Spanish language. We will achieve this goal by using the language and our imagination to tell stories. This course will also provide the opportunity to read and discuss literary works of important Hispano-American authors including Onneti, Borges, Rulfo, Cortázar, and Méndez. We will also read theoretical texts by Francisco Guzmán Burgos, Pablo Fernández, Alex Grijelmo, Ricardo Piglia, Jorge Luis Borges, among others. (SPAN 0220 or placement). 3 hrs. lect./disc. **ART**, **LNG**

SPAN 0322 Introduction to Hispanic Linguistics (Spring 2021)

This course is an introduction to the theory and methodology of linguistics as applied to the study of Spanish. The course's goals are to understand the basic characteristics of human language (and of Spanish in particular), and to learn the techniques used to describe and explain linguistic phenomena. We will study the sound system (phonetics/phonology), the structure of words (morphology), the construction of sentences (syntax), as well as the history and sociolinguistic variation of the Spanish language, as spoken in communities in Europe, Latin America, and Northern America. We will examine texts, speech samples, and songs, illustrating these linguistic phenomena. (SPAN 0220 or placement) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC**

Cross-listed as: LNGT 0322

SPAN 0323 Creative Reading & Writing (Spring 2021)

In this course we will read and write short stories in Spanish. After Borges, Latin American writers understand their task as the creative reading and rewriting of literary tradition. The first module of the course is devoted to developing students' awareness of how reading and writing are intertwined through intertextuality. The second module offers a workshop in which students will produce their own fiction and comment on their classmates' work. Through creative reading and writing, students will hone their skills in Spanish. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **AMR**, **LIT**, **LNG**

SPAN 0338 Advanced Conversation (Fall 2020)

In this course we will focus on the development of oral skills in Spanish at the advanced level. Students will also be exposed to cultural context in Spanish, through which they will be introduced to social and political trends in the Spanish-speaking world. Through oral exams, presentations, debates, and other forms of oral assessment, students will deepen their oral skills, as well as their understanding and production of oral expression in the target language. The course will give special attention to communicative skills in Spanish, particularly speaking (including pronunciation) and listening. The instructor may choose specific grammar points for review when necessary. 3 hrs. lect. **LNG** *(P. Saldarriaga)*

SPAN 0339 Peru: Identity, Ethnicity, History (Spring 2021)

In this course we will study Peru’s diverse cultures, races, and ethnicities. Our discussion of Peruvian identity(-ies) will be connected to an exploration of selected topics of history and politics, with an emphasis on contemporary Peru: the Internal Conflict, Fujimori's dictatorship, and the return to democracy (1980-the present). We will read literary works and historical accounts, watch films and documentaries, and look at art and photography in order to extract their key themes and better understand the construction of Peru as a complex, multilingual nation, considering its past, present, and future. Relations with the United States and Latin America will be addressed. (SPAN 0220 or placement) 3 hrs. lect/disc. **AAL**, **AMR**, **HIS**, **SOC**

SPAN 0340 Representations of Social, Cultural, and Political Identities in Spain (Fall 2020)

In this course we will study the different representations of Spanish culture and politics. We will emphasize specific aspects that make Spain richly varied: Spain´s breathtaking reinvention and reaffirmation of its own identity after the Disaster of 1898, religious customs and conflicts, gender relations, political values of Spaniards. At the same time, the cultural impact of Don Quixote, Goya, Lorca, republicanism and dictatorship, civil war, flamenco, bullfighting, and soccer. Works to be discussed include a short selection of literary pieces, cultural, visual, musical, and film representations. This course is recommended for students planning to study in Spain. (SPAN 0220 or placement) 3 hrs. lect. *disc.* **EUR**, **LNG** *(M. Manrique-Gomez)*

SPAN 0348 Afro-Caribbean Music Genres (Spring 2021)

In this course we will study Afro-Caribbean music genres (eg, reggae, mambo, salsa, merengue, reggaeton, and calypso) and their impact within the region and on the global stage. Our main goal will be to compare the contested theoretical concept of cultural hybridity among the larger Caribbean nations (Haiti, Cuba, Jamaica, Puerto Rico, Trinidad and Tobago, and the Dominican Republic) and their diasporas. We will also explore how Caribbean musicians and superstars work within the global infrastructure of the music/dance industry, while occasionally managing to counter the hegemonic erasure of the legacy of Black rebellion, worker revolution, nationalism, and racial/gender politics. (SPAN 0220 or 300 level Spanish course) 3 hrs. lect **AAL**, **AMR**, **ART**, **CMP**, **LNG**

SPAN 0357 The Luso Hispanic Fiction Writer (Fall 2020, Spring 2021)

In this course we will study the representation of the writer of fiction in Luso-Hispanic contemporary narrative. As Julio Premat argues, writers often understand their task not only as the creation of literary works, but also as the fashioning of an authorial self within fiction and through essays, interviews, photographs. We will study how and why such images are crafted, and how they reflect ideas about the aesthetic and political role of the writer, the “truth” of fiction, the interplay between literature and reality, and the relationship between authorship and gender. Portuguese-language texts will be read in Spanish translation. (Two Spanish courses at the 0300-level or above, or waiver) 3 hrs. lect./disc. **AAL** (Fall 2020), **AMR** (Fall 2020), **LIT** (Fall 2020), **LNG** (Fall 2020) *(Fall 2020: L. Castaneda)*

Cross-listed as: PGSE 0357

SPAN 0361 Hispanic Musical Films (Fall 2020)

In this course we will study Hispanic musical films (including fiction and documentaries) from Spain, Latin America, and the United States. Our main goal will be to understand how Hispanic countries use this cinematic genre to establish nationalist constructions and ideologies, and how this has consequently affected the development of Hispanic musical narratives in the United States. Analyses will focus on how different ethnic aspects are defined as 'Other' in musical genres such as Flamenco, Tango, Rancheras, Tex-Mex, Salsa, Reggaeton, Merengue, and Spanish Rock. We will explore why Hispanic musicals are perceived as exotic in relation to their Anglophone counterparts while studying films such as *Buena Vista Social Club*, *Allá en el rancho grande*, *Selena*, and *El día que me quieras*. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./screening **AAL**, **AMR**, **CMP**, **LIT** *(E. Garcia)*

SPAN 0377 Bilingualism in the Spanish-Speaking World (Fall 2020, Spring 2021)

What does it mean to be bilingual? In this course we will study bilingualism with a special emphasis on Spanish-speaking bilinguals in Europe, Latin America, and the United States. Course topics will include social, political, linguistic, and psychological aspects of bilingualism. Special attention will be paid to societal bilingualism, language use among a group or community, individual bilingualism, how an individual’s language use changes in different contexts and throughout an individual’s lifespan, and government and educational policies throughout the Spanish-speaking world. We will study texts, speech samples, and media that highlight different aspects of bilingualism. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC** *(Fall 2020: B. Baird)*

Cross-listed as: LNGT 0377

SPAN 0381 Decolonizing Zombies! (Spring 2021)

Zombies are generally depicted as metaphors that represent contemporary affects. In this course we will study a number of zombie movies with a focus on theories of race, gender, coloniality, iconoclasm, and queer temporality. With a strong emphasis on the American continent, the course will have a global approach, which will allow us to delve into issues of neoliberalism, cannibalism, genocide, diaspora, virus spread, and political criticism. The main goal is to expose colonial structures embedded in the representation of zombies, as well as in the making of the genre. Among films included are: *White Zombie*, *The Night of the Living Dead*, *Savageland*, *World War Z* (United States); *Mangue negro* (Brazil), *Juan de los muertos* (Cuba), *El desierto* (Argentina), *El año del apocalipsis* (Peru); *Ladronas de almas*, *Halley* (Mexico); *Descendents* (Chile), *Rec* (Spain), *I'll see You in my Dreams* (Portugal), *The Girl with All the Gifts* (United Kingdom); *Train to Busan* (Korea); *The Empire of Corpses*, and *Versus* (Japan). (Two 3XX courses or by waiver) 3 hrs. lect. **AAL**, **AMR**, **ART**, **CMP**, **LNG**

SPAN 0391 Latin American Cultural Studies: Texts and Concepts (Spring 2021)

In this course we will apply Cultural Studies methodology in various cultural contexts, focusing on Latin America. Among the concepts studied will be those of nation, hegemony, postcolonialism, subalternism, performance, heterogeneity, hybridity, aesthetics, race/ethnicity, and gender. Each concept will be used in an analysis of a literary, cinematic, performative, and other artistic work. We will be analyzing, among others, the literary works of Faustino Sarmiento, José Martí, Pedro Lemebel, Manuel Puig, and José María Arguedas; the cinema of Jorge Bodansky and Barbet Schroeder; as well as testimonial literature and various other forms of popular culture. (At least two courses at the 0300-level or above or by waiver) 3 hrs. lect./disc. **AAL**, **AMR**, **ART**, **CMP**

SPAN 0415 What are you laughing at? Humor in the Iberian Peninsula (Spring 2021)

In this course we will analyze the interplay between different varieties of humor and politics in the Iberian Peninsula in the 20th and 21st centuries. Humor is a flexible tool that can serve contrasting agendas: resistance and contestation of the hegemony, but also consolidation of the hegemony. Through the reading of critical theory about humor (Eagleton, Critchley, Carrol) and the analysis of books (*O porco de pé/), weekly magazines (/El Be Negre, El Jueves*), and TV shows (Vaya Semanita, Polònia), we will arrive at an original interpretation of the socio-political history of Spain. (Two Spanish courses numbered 0350 or above, or by waiver.) 3 hrs.lect./disc. **EUR**, **LNG**

SPAN 0421 The Latin American ‘novela total’ (Fall 2020)

In this seminar we will read Latin American ‘total novels’: long and complex fictional artifacts that purport to map the whole of reality in all its perspectives. We will analyze the structure of landmark ‘total novels,’ explore the intersection of modernist aesthetics and Cold War politics that made them possible, and probe their current relevance. Texts may include *Cien años de soledad* (1967) by García Márquez and *Conversación en La Catedral* (1969) by Vargas Llosa, as well as more recent novels that attempt to renew this tradition. (Two Spanish courses numbered 0350 or above, or by waiver.) 3 hrs. sem. **AAL**, **AMR**, **LIT**, **LNG** *(L. Castaneda)*

SPAN 0500 Independent Study (Fall 2020, Spring 2021)

The department will consider requests by qualified juniors and senior majors to engage in independent work. (Approval only)

SPAN 0705 Senior Honors Thesis (Fall 2020, Spring 2021)

The department will award honors, high honors, or highest honors on the basis of a student's work in the department and performance in SPAN 0705. (Approval only) *(R. Chavez-Castaneda, M. Fernandez, L. Lesta Garcia, E. Garcia, G. Gonzalez Zenteno, L. Castaneda, A. Fil, P. Saldarriaga, M. Rohena-Madrazo)*

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Department of Mathematics

Mathematics Requirements

Required for the Major in Mathematics*:* (Eleven courses total, at least six of which must be taken at Middlebury College in Vermont):
I. Core courses: MATH 0122, MATH 0200, MATH 0223, MATH 0302, and MATH 0323 (at least one of the latter two to be completed by the end of the junior year);
II. Electives: five MATH electives at the 0200-level or above;
III. Senior work: A 0700-level MATH seminar in the senior year.

Students interested in advanced work in applied mathematics may wish to include a post-calculus sequence of courses in their area of specialization. Examples are MATH 310 & 311, MATH 310 & 410. A list of current options is maintained on the department web page. The second course in these specifically designated sequences may be counted in place of MATH 302 for the major.

Note*:* Students are strongly encouraged to include a proof-based course such as MATH 0241 or MATH 0247 early in their programs. This is especially helpful prior to taking MATH 0302 or MATH 0323.

Students planning a "3-2" engineering program who wish to major in Mathematics should complete the 700-level senior seminar in their sixth semester at Middlebury.

Honors*:* Students who wish to be considered for departmental honors in mathematics must take one additional elective (12 courses total). Honors designations are based on senior work and GPA within the major.

Required for the Minor in Mathematics (six courses total at least half of which must be taken at Middlebury College in Vermont): MATH 0121, MATH 0122, MATH 0200, and three courses at the 0200-level or above.

Joint Majors*:* The Department of Mathematics does not offer a joint major.

Advanced Placement*:* Advanced placement in the department is offered to first-year students whose secondary training indicates they can commonly bypass one or more of the beginning courses in mathematics. Majors typically begin their study of mathematics in MATH 0122 or MATH 0200. Mathematics majors who need to begin the study of calculus with MATH 0121 may arrange with their advisors to use this course as one of the required electives. Credits for MATH 0121 and 0122 may be earned through the College Board AP exams or international exams such as the A-Levels or IB. At the discretion of the chair, additional courses may be waived in recognition of exceptional secondary school preparation. However, in all cases the major must include at least 7 Middlebury College or approved transfer courses, and the minor must include at least 4. Students who have earned grades on advanced placement calculus exams that are eligible for credit may not register for the equivalent course at Middlebury College. Thus students who have earned 4 or 5 on the Calculus AB exam or a 3 on the Calculus BC exam may not register for MATH 0121, students who have earned 4 or 5 on the Calculus BC exam may not register for MATH 0121 or MATH 0122. This policy applies irrespective of whether students

choose to use their AP credits toward meeting Middlebury's graduation requirements. The following international credentials carry the same credit as a 4 or 5 on the Calculus BC Exam: A-level exam with a mathematics grade of A, B, or C; or IB Higher Level Mathematics with a grade of 6 or 7.

Other Credits: Because of the wide variation in course offerings at other institutions, students wishing to substitute a course from another college for any course in mathematics must seek approval from the department before registering for the course.

Available only to students entering prior to Fall 2019:
Required for the Mathematical Sciences Option in the Mathematics Major: (Eleven courses total, at least six of which must be taken at Middlebury College in Vermont)
I. Core courses: MATH 0122, MATH 0200, and MATH 0223;
II. Computing-intensive course: CSCI 0150 or MATH 0216 or MATH 0228;
III. Electives. Six courses from categories A and B. At least four of the six courses must have the MATH designation, and at least two must be from category B, and at least one of those two must be MATH 0302 or MATH 0323, to be completed by the end of the junior year. Non-MATH courses must all have the same designation (ECON or PHYS or CSCI)
A. Courses in applied specialization: MATH 0218, MATH 0225, MATH 0310, MATH 0315, MATH 0318, ECON 0280, PHYS 0212, CSCI 0201, CSCI 0463;
B. Advanced electives: MATH 0302, MATH 0311, MATH 0323, MATH 0325, MATH 0410, CSCI 0302, ECON 0390, ECON 0411, MATH 0500 (with prerequisite: at least one course from categories A or B);
IV. Senior work: A 0700-level MATH seminar in the senior year.

Note*:* Students should consult the mathematics department for examples of course sequences in the mathematical sciences option recommended for emphases in Mathematical Economics, Computer Science, or Physical Sciences/Engineering. For students completing double majors, electives used towards a major in another department cannot also be counted as electives in the mathematical sciences option.

MATH 0100 A World of Mathematics (Fall 2020)

How long will oil last? What is the fairest voting system? How can we harvest food and other resources sustainably? To explore such real-world questions we will study a variety of mathematical ideas and methods, including modeling, logical analysis, discrete dynamical systems, and elementary statistics. This is an alternative first mathematics course for students not pursuing the calculus sequence in their first semester. The only prerequisite is an interest in exploring contemporary issues using the mathematics that lies within those issues. (Approval required; This course is not open to students who have had a prior course in calculus or statistics.) 3 hrs lect./disc. **DED** *(J. Albert)*

MATH 0116 Introduction to Statistical Science (Fall 2020, Spring 2021)

A practical introduction to statistical methods and the examination of data sets. Computer software will play a central role in analyzing a variety of real data sets from the natural and social sciences. Topics include descriptive statistics, elementary distributions for data, hypothesis tests, confidence intervals, correlation, regression, contingency tables, and analysis of variance. The course has no formal mathematics prerequisite, and is especially suited to students in the physical, social, environmental, and life sciences who seek an applied orientation to data analysis. (Credit is not given for MATH 0116 if the student has taken ECON 0210 or PSYC 0201 previously or concurrently.) 3 hrs. lect./1 hr. computer lab. **DED**

MATH 0121 Calculus I (Fall 2020, Spring 2021)

Introductory analytic geometry and calculus. Topics include limits, continuity, differential calculus of algebraic and trigonometric functions with applications to curve sketching, optimization problems and related rates, the indefinite and definite integral, area under a curve, and the fundamental theorem of calculus. Inverse functions and the logarithmic and exponential functions are also introduced along with applications to exponential growth and decay. 4 hrs. lect./disc. **DED** *(Fall 2020: P. Schumer)*

MATH 0122 Calculus II (Fall 2020, Spring 2021)

A continuation of MATH 0121, may be elected by first-year students who have had an introduction to analytic geometry and calculus in secondary school. Topics include a brief review of natural logarithm and exponential functions, calculus of the elementary transcendental functions, techniques of integration, improper integrals, applications of integrals including problems of finding volumes, infinite series and Taylor's theorem, polar coordinates, ordinary differential equations. (MATH 0121 or by waiver) 4 hrs. lect./disc. **DED** *(Fall 2020: M. Kubacki, W. Peterson)*

MATH 0200 Linear Algebra (Fall 2020, Spring 2021)

Matrices and systems of linear equations, the Euclidean space of three dimensions and other real vector spaces, independence and dimensions, scalar products and orthogonality, linear transformations and matrix representations, eigenvalues and similarity, determinants, the inverse of a matrix and Cramer's rule. (MATH 0121 or by waiver) 3 hrs. lect./disc. **DED** *(Fall 2020: J. Schmitt, P. Bremser)*

MATH 0216 Introduction to Data Science (Fall 2020, Spring 2021)

In this course students will gain exposure to the entire data science pipeline: forming a statistical question, collecting and cleaning data sets, performing exploratory data analyses, identifying appropriate statistical techniques, and communicating the results, all the while leaning heavily on open source computational tools, in particular the R statistical software language. We will focus on analyzing real, messy, and large data sets, requiring the use of advanced data manipulation/wrangling and data visualization packages. Students will be required to bring their own laptops as many lectures will involve in-class computational activities. (Math 0116 or ECON 0210 or PSYC 0201) 3 hrs lect./disc. **DED** *(Fall 2020: A. Lyford)*

MATH 0218 Statistical Learning (Spring 2021)

This course is an introduction to modern statistical, machine learning, and computational methods to analyze large and complex data sets that arise in a variety of fields, from biology to economics to astrophysics. The theoretical underpinnings of the most important modeling and predictive methods will be covered, including regression, classification, clustering, resampling, and tree-based methods. Student work will involve implementation of these concepts using open-source computational tools. (MATH 0216) 3 hrs. lect./disc. **DED**

MATH 0223 Multivariable Calculus (Fall 2020, Spring 2021)

The calculus of functions of more than one variable. Introductory vector analysis, analytic geometry of three dimensions, partial differentiation, multiple integration, line integrals, elementary vector field theory, and applications. (MATH 0122 and MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(Fall 2020: E. Proctor, S. Abbott)*

MATH 0225 Topics in Linear Algebra and Differential Equations (Fall 2020, Spring 2021)

Topics may include diagonalization of matrices, quadratic forms, inner product spaces, canonical forms, the spectral theorem, positive matrices, the Cayley-Hamilton theorem, ordinary differential equations of arbitrary order, systems of first-order differential equations, power series, and eigenvalue methods of solution, applications. (MATH 0200 or by waiver) 3 hrs. lect./disc. **DED**

MATH 0247 Graph Theory (Spring 2021)

A graph (or network) is a useful mathematical model when studying a set of discrete objects and the relationships among them. We often represent an object with a vertex (node) and a relation between a pair with an edge (line). With the graph in hand, we then ask questions, such as: Is it connected? Can one traverse each edge precisely once and return to a starting vertex? For a fixed *k/, is it possible to "color" the vertices using /k* colors so that no two vertices that share an edge receive the same color? More formally, we study the following topics: trees, distance, degree sequences, matchings, connectivity, coloring, and planarity. Proof writing is emphasized. (MATH 0122 or by waiver) 3 hrs. lect./disc. **DED**

MATH 0261 History of Mathematics (Fall 2020)

This course studies the history of mathematics chronologically beginning with its ancient origins in Babylonian arithmetic and Egyptian geometry. The works of Euclid, Apollonius, and Archimedes and the development of ancient Greek deductive mathematics is covered. The mathematics from China, India, and the Arab world is analyzed and compared. Special emphasis is given to the role of mathematics in the growth and development of science, especially astronomy. European mathematics from the Renaissance through the 19th Century is studied in detail including the development of analytic geometry, calculus, probability, number theory, and modern algebra and analysis. (MATH 0122 or waiver) **CMP**, **DED** *(P. Schumer)*

MATH 0302 Abstract Algebra (Fall 2020)

Groups, subgroups, Lagrange's theorem, homomorphisms, normal subgroups and quotient groups, rings and ideals, integral domains and fields, the field of quotients of a domain, the ring of polynomials over a domain, Euclidean domains, principal ideal domains, unique factorization, factorization in a polynomial ring. (MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(P. Bremser)*

MATH 0310 Probability (Fall 2020)

An introduction to the concepts of probability and their applications, covering both discrete and continuous random variables. Probability spaces, elementary combinatorial analysis, densities and distributions, conditional probabilities, independence, expectation, variance, weak law of large numbers, central limit theorem, and numerous applications. (concurrent or prior MATH 0223 or MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(W. Peterson)*

MATH 0311 Statistics (Spring 2021)

An introduction to the mathematical methods and applications of statistical inference. Topics will include: survey sampling, parametric and nonparametric problems, estimation, efficiency and the Neyman-Pearsons lemma. Classical tests within the normal theory such as F-test, t-test, and chi-square test will also be considered. Methods of linear least squares are used for the study of analysis of variance and regression. There will be some emphasis on applications to other disciplines. (MATH 0310) 3 hrs. lect./disc. **DED**

MATH 0315 Mathematical Models in the Social and Life Sciences (Spring 2021)

An introduction to the role of mathematics as a modeling tool and an examination of some mathematical models of proven usefulness in problems arising in the social and life sciences. Topics will be selected from the following: axiom systems as used in model building, optimization techniques, linear and integer programming, theory of games, systems of differential equations, computer simulation, stochastic process. Specific models in political science, ecology, sociology, anthropology, psychology, and economics will be explored. (MATH 0200 or waiver) 3 hrs. lect./disc. **DED**

MATH 0323 Real Analysis (Fall 2020)

An axiomatic treatment of the topology of the real line, real analysis, and calculus. Topics include neighborhoods, compactness, limits, continuity, differentiation, Riemann integration, and uniform convergence. (MATH 0223) 3 hrs. lect./disc. **DED** *(S. Abbott)*

MATH 0325 Complex Analysis (Spring 2021)

An introduction to functions of a complex variable. Mappings of the complex plane, analytic functions, Cauchy Integral Theorem and related topics. (MATH 0223 or by waiver) 3 hrs. lect./disc. **DED**

MATH 0328 Numerical Linear Algebra (Fall 2020)

Numerical linear algebra is the study of algorithms for solving problems such as finding solutions of linear systems and eigenvalues of matrices. Many real-life applications simplify to these scenarios and often involve millions of variables. We will analyze shortcomings of direct methods such as Gaussian Elimination, which theoretically produces the true solution but fails in practical applications. In contrast, iterative methods are often more practical and precise, and continually evolve with changing technology and our understanding of mathematics. Our study will include the First Order Richardson, Steepest Descent, and Conjugate Gradient algorithms for linear systems, and the power method for eigenvalue problems. (MATH 0200) 3 hrs. lect. **CW**, **DED** *(M. Kubacki)*

MATH 0335 Differential Geometry (Fall 2020)

This course will be an introduction to the concepts of differential geometry. For curves in space, we will discuss arclength parameterizations, Frenet formulas, curvature, and torsion. On surfaces, we will explore the Gauss map, the shape operator, and various types of curvature. We will apply our knowledge to understand geodesics, metrics, and isometries of general geometric spaces. If time permits, we will consider topics such as minimal surfaces, constant curvature spaces, and the Gauss-Bonnet theorem. (MATH 0200 and MATH 0223) 3 hr. lect./disc. **DED** *(E. Proctor)*

MATH 0410 Stochastic Processes (Spring 2021)

Stochastic processes are mathematical models for random phenomena evolving in time or space. This course will introduce important examples of such models, including random walk, branching processes, the Poisson process and Brownian motion. The theory of Markov chains in discrete and continuous time will be developed as a unifying theme. Depending on time available and interests of the class, applications will be selected from the following areas: queuing systems, mathematical finance (Black-Scholes options pricing), probabilistic algorithms, and Monte Carlo simulation. (MATH 0310) 3 hrs. lect./disc. **DED**

MATH 0500 Advanced Study (Fall 2020, Spring 2021)

Individual study for qualified students in more advanced topics in algebra, number theory, real or complex analysis, topology. Particularly suited for those who enter with advanced standing. (Approval required) 3 hrs. lect./disc.

MATH 0728 Mathematical Methods in Fluid Dynamics (Spring 2021)

This course is an introduction to the mathematical models and methods used in modern fluid dynamics. Students will derive and analyze fundamental equations of fluid flow, explore their applications, as well as examine theoretical and practical solution techniques. Equations of study will include the Poisson, diffusion, and Navier-Stokes equations. We will also introduce basic methods of computational fluid dynamics. Working independently and in small groups, students will gain experience reading advanced sources and communicating their insights in expository writing and oral presentations. Fulfills the capstone senior work requirement for the mathematics major. 3 hrs. Lect./Lab (Approval Only) **DED**

MATH 0732 Topology Seminar (Fall 2020)

Topology is the rigorous mathematical study of shape at the most fundamental level—for example, the shapes of the letters I and U are topologically equivalent, but neither is equivalent to that of the letter O. In this senior seminar students will encounter topological objects such as manifolds, braids, and knots, studying them using tools ranging from combinatorial to geometric to algebraic. Working independently and in small groups, students will gain experience reading advanced sources and communicating their insights in expository writing and oral presentations. This course fulfills the capstone senior work requirement for the mathematics major. (MATH 0302) 3 hrs sem. *(F. Swenton)*

MATH 0745 The Polynomial Method (Fall 2020)

A tutorial in the Polynomial Method for students who have completed work in Abstract Algebra and at least one of Combinatorics, Graph Theory, and Number Theory. We will study Noga Alon’s Combinatorial Nullstellensatz and related theorems, along with their applications to combinatorics, graph theory, number theory, and incidence geometry. Working independently and in small groups, students will gain experience reading advanced sources and communicating their insights in expository writing and oral presentations. Fulfills the capstone senior work requirement for the mathematics major. (Approval required; MATH 0302 and one of the following: MATH 0241, MATH 0247, or MATH 0345). *(J. Schmitt)*

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Molecular Biology & Biochemistry

*Students matriculating **Fall 2018 or later** must follow these requirements. Students matriculated **prior to Fall 2018** will need to follow the previous requirements, which can be found on the MBBC webpage.*

***Required for the Major*:** The requirements for the major in molecular biology and biochemistry provide a multidisciplinary yet integrated approach to examining life at the macromolecular, cellular, and organismal levels. The major is composed of 15 required courses including foundation courses, advanced courses, and four electives selected among three thematic suites. Required foundation courses in mathematics, physics, chemistry, and biology establish a strong, broad understanding of the science necessary for advanced study. Required advanced courses in the core areas of molecular biology and biochemistry build on this foundation. Finally, elective courses offer advanced opportunities to explore a wide variety of specific topics including neurobiology, developmental biology, computational biology, data science, molecular genetics, and biochemical mechanisms. Students may engage in mentored independent research in these areas.

Placement:
Students may be able to bypass introductory courses in chemistry on the basis of AP credit or proficiency exams. Those who bypass CHEM 0103 may begin with CHEM 0104 (fall or spring) or CHEM 0107 (fall only). AP Physics credit will satisfy the physics requirement (PHYS 0109). AP Statistics will not satisfy the statistics requirement. Students with AP Statistics credit will be required to enroll in BIOL 0211 or MATH 0116. AP Calculus, IB or A-level Mathematics exams, bypass exams, or any pre-college course in calculus will not exempt a student from the background math course requirement. Students will need to enroll in a math class that they are placed into by the Math Department. Placement is decided by the Math Department based on either scores on advanced placement exams or review of high school records. Students interested in the health professions or graduate study may wish to take two semesters each of mathematics and physics in order to meet professional school entrance requirements.

Study Abroad and Transfer Credits:
Students who consider taking summer courses or courses abroad must consult with their advisor about the process of transferring credit from another institution. With approval of the Program Director, transferred credits may count towards the major requirements.

Requirements for the Molecular Biology and Biochemistry major are as follows:
A single course may not fulfill more than one requirement.

Required Background Courses:
A course in Mathematics
PHYS 0109 Newtonian Physics
BIOL 0140 Ecology and Evolution
BIOL 0145 Cell Biology and Genetics
BIOL 0211 Experimental Design and Data Analysis or MATH 116 Introduction to Statistical Science
CHEM 0103 General Chemistry I
CHEM 0104 General Chemistry II or CHEM 0107 Adv. General Chemistry

CHEM 0203 Organic Chemistry I: Structure and Reactivity
CHEM 0204 Organic Chemistry II: Synthesis and Spectroscopy

Required Advanced Courses:
BIOL 0314 Molecular Genetics
CHEM 0322 Biochemistry of Macromolecules

Required Elective Suite Courses:

A list of appropriate electives is provided within each suite. However, not all listed courses are offered every year. Also, as other appropriate courses may become available on campus, there may be additional course options within each suite. Majors will be kept informed of currently available courses that fit within each of the three elective suites.

Students may not count a single course in more than one elective category requirement.

1. Quantitative Suite (students must take 1 class in this suite)
- CHEM 0355 Thermodynamics and Kinetics*
- CSCI 0201 Data Structures*
- CSCI 0321 Bioinformatics Algorithms*
- MATH 0200 Linear Algebra
- MATH 0223 Multivariable Calculus*
- MATH 0216 Introduction to Data Science
- MATH 0315 Mathematical Models in the Social and Life Sciences*

2. Advanced Laboratory Suite- Lecture and Independent Research (students must take 1 class in this suite)
- BIOL 0305 Developmental Biology
- BIOL 0310 Microbiology
- BIOL 0324 Genomics
- BIOL 0331 The Genetics of Cancer
- BIOL 0365 Molecular Microbial Ecology

3. Advanced Non-Laboratory Suite (students must take 2 classes in this suite)
- BIOL 0280 Immunology
- BIOL 0330 Mechanisms of Microbial Pathogenesis
- BIOL 0350 Endocrinology
- BIOL 0420 Neurogenetics
- BIOL 0425 Human Genetics
- BIOL 0449 Extremophiles: conquering Earth's Extreme Environments
- BIOL 0450 Topics in Reproductive Medicine
- CHEM 0303 Chemical Biology
- CHEM 0355 Thermodynamics and Kinetics*
- CHEM 0425 Biochemistry of Metabolism
- CSCI 0321 Bioinformatics Algorithms*
- PHYS 0241 Biomedical Imaging*

*Courses with pre-requisites other than courses already required of the MBBC major (or by waiver for some).

There is no minor in molecular biology and biochemistry.

Prospective students are encouraged to begin the Introductory Chemistry and Introductory Biology sequences and Mathematics during their first year. BIOL 0145 requires CHEM 0103 or equivalent as prerequisite. CHEM 0204 may be taken either concurrently with CHEM 0322, or afterwards. Independent Study courses (CHEM/BIOL/MBBC 0500/0700/0701) do not fulfill any of the major requirements. BIOL 0331 or BIOL 0310 are examples of courses with sections that fulfill the CW requirement.

***Molecular Biology & Biochemistry Research*:** Research is an important component of a well-rounded academic pursuit; it contributes to the development of independence and creativity, as well as to the depth of knowledge needed to become an active contributor to the scientific community. Majors may undertake independent research with a faculty mentor in MBBC or in other Departments and Programs, provided the research falls within the mission of the major. Any major is eligible to perform an independent study research project (BIOL 0500, CHEM 0500, NSCI 0500, or BIOL/CHEM/NSCI/MBBC 0700) with the consent of a mentor.

***Requirements for Honors*:** Senior thesis research may be initiated by any junior with the consent of a mentor. Students considering senior thesis research are urged to begin conversations with faculty early in their junior year (certainly by winter term) because many thesis projects begin during the summer preceding the senior year. Those eligible for high honors or honors in molecular biology and biochemistry will: (1) complete at least two semesters of research, which may include winter term; (2) enroll in MBBC 0701 for their final semester of research; (3) graduate with a minimum GPA of 3.3 for all courses counting towards the major; (4) present a public seminar describing the significance, methodology, results, and conclusions of their research; (5) successfully defend their thesis before a committee of three faculty, two of whom must be affiliated with the MBBC program; and (6) earn a grade of at least B+ for MBBC 0701, as determined by the members of the MBBC program, with the grade based on their research performance, their written thesis, their thesis presentation and their thesis defense.

MBBC 0700 Senior Thesis (Fall 2020, Spring 2021)

Seniors conducting independent study in Molecular Biology and Biochemistry should register for MBBC 0700 unless they are completing a thesis project in which case they should register for MBBC 0701. (Approval required).

MBBC 0701 Senior Thesis (Fall 2020, Spring 2021)

Students conducting independent thesis research in Molecular Biology and Biochemistry must register for MBBC 0701 while completing research projects initiated in BIOL 0500, MBBC 0700, or CHEM 0400. Students will organize and lead regular discussions of their research and research methods, and attend weekly meetings with their designated laboratory group to foster understanding of their special area, and practice the stylistic and technical aspects of scientific writing needed to write their thesis. (CHEM 0400 or BIOL 0500 or MBBC 0700) (Approval required).

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Department of Music

Required for the Major*:* Majors are required to take MUSC 0101; MUSC 0209; MUSC 0260-0261; MUSC 0333; MUSC 0334; a performance elective such as MUSC 0240, 0243, 0244, or 0500; two 0200-level or above elective music courses; and MUSC 0400 senior seminar.

Demonstrated proficiencies: Music majors will be required to demonstrate basic piano and sight-singing proficiencies in the semester at the end of Theory II (MUSC 0260). If preparation is needed, music majors are required to take a semester of keyboard harmony, arranged through the music office.

In addition to the curricular requirements, majors are required to participate for three semesters in at least one departmentally-approved ensemble: African Music and Dance Ensemble, Afropop Ensemble, Middlebury College Orchestra, Middlebury College Choir, Middlebury College Community Chorus, The Sound Investment Jazz Ensemble, or Middlebury Community Wind Ensemble.

Required for the Joint Major*:* Joint Majors are required to take MUSC 0101; MUSC 0260-0261; MUSC 0333; MUSC 0334; two 0200-level or above elective music courses; and MUSC 0704 (senior work that combines both majors and is agreed upon by the advisers and department or program chair)

Required for the Minor: Students who pursue the minor in music are required to complete five music courses, two of which may be general introductory courses (0100 level) and three other courses at the 0200-0400 levels.

Music Theory Placement Exam: Students may test into MUSC 0209 (Composition I) and MUSC 0260 (Music Theory II) by taking a placement exam rather than taking the pre-requisite MUSC 0160 (Theory I). Incoming students must take the placement exam before classes begin and only at the designated time at orientation. Current students must send an email to Professor Matthew Taylor at matthewt@middlebury.edu to schedule the exam. Note: Placement tests should be arranged by November 1, and April 1, for the following semesters.

Departmental Honors: Departmental honors in music reflect a student's overall achievement in and contribution to the department, as well as demonstrated excellence in MUSC 0704 (Senior Work). To take MUSC 0704, students must have at least B+ grade average in music courses; and must submit a proposal for senior work (of one or two semesters in length) by April 1 of the junior year. Of note: MUSC 0704 (Senior Work) does not count as a course toward fulfillment of the music major. Grade averages of B+ in senior work and B+ in departmental courses will be eligible for honors; A- in senior work and A- in departmental courses will be eligible for high honors; A in senior work and A in departmental courses will be eligible for highest honors.

Ensembles:

The African Music and Dance Ensemble is the core of MUSC 0244, for which enrolled students earn one (1) credit. The Ensemble gives students (with or without a musical background) a rich, hands-on experience with numerous East African (Ugandan) music and dance cultures through regular rehearsals and end-of-semester concerts. See course listing of

MUSC 0244. (D. Kafumbe).

The following ensembles require two semesters of enrollment to earn (1) credit.

Afropop is a dynamic and diverse blend of traditional African music with R&B, rock, pop, reggae, hip hop, funk, EDM, and many other Western and Afro-diasporic styles. Students learn songs by ear and create their own arrangement—most songs use three or four chords and pentatonic melodies. There are no prerequisites. The ability to read music is not required. See course listing MUSC 0205**.** (D. Kafumbe)

Middlebury College Orchestra auditions for instrumentalists at the beginning of the semester. Twice-weekly rehearsals take place in Robison Hall in preparation for performances featuring music from all periods. See course listing for MUSC 0205. (E. Bennett).

Middlebury College Choir performs concerts each fall and spring, participates in Baccalaureate and other College functions, and tours or engages in other projects annually. Audition required, with attention to sight-reading, listening skills, and vocal production. Intent to participate full year/multiple semesters strongly encouraged. Open to all students without prerequisite. See course listing of MUSC 0205. (J. Buettner).

College Community Chorus performs concerts each fall and spring, usually including a major choral work for chorus and organ or orchestra. Open to all without audition; rehearsals focus on developing choral musicianship. See course listing of MUSC 0205. (J. Rehbach).

The Sound Investment Jazz Ensemble uses traditional big-band instrumentation, playing the best of contemporary jazz arrangements as well as classic charts from the 75 years of swing and jazz band history. The ensemble also features student compositions and arrangements when available. An active performance schedule is typical. See course listing of MUSC 0205. (D. Forman).

Middlebury Community Wind Ensemble is an off-campus community ensemble that students are invited to join that features woodwind, brass, and percussion; no auditions necessary. There are two performances each semester. Rehearsals take place at Middlebury Union High School. (M. McHugh).

Other Chamber Ensembles: String quartets, woodwind and brass ensembles can be formed and coached for interested students. Independent projects (MUSC 0500) can be arranged for these groups.

Private Music Lessons: Musical instrument and voice lessons are available through the department. Register online at go/musiclessons during the first week of fall and spring terms (winter term lessons registration takes place the last week of classes in the fall term). Academic credit is not given for lessons, and an additional fee is applied to the student’s college bill. There are ten 45-minute music lessons per semester (four during winter term). Students will sign contracts at the first lesson and are binding. No rebate is allowed for lessons missed except in the case of injury or continued illness. Members of music department ensembles are entitled to half-price lessons for the instruments they play in the ensemble (or voice for choir and community chorus). The fee is waived for students who are music majors and music joint majors, (limit two lesson series per semester), or are enrolled in performance-related courses(varies by semester), and MUSC 0500 or MUSC 0704 projects. Contact the department at extension 5221 for information.

MUSC 0101 Introduction to Music (Spring 2021)

In this course we will develop critical listening skills through guided study of selected works of Western classical, popular, and folk music, as well as a sampling of music from non-Western cultures. Students will examine how music uses basic sound materials—such as rhythm, melody, timbre, texture, and harmony—to create meaning and expression, how those uses have changed over time from the Middle Ages to the present, and how music relates to its social and historical context and to the other arts. Previous musical training is not required. 3 hrs. **ART**, **CMP**, **HIS**

MUSC 0134 What in the World is Music? (Spring 2021)

In this course we will explore global musical cultures in order to better understand both those musical cultures and our own in relation to one another. The course has two goals: to introduce students to unfamiliar ways of listening to and thinking about different elements of music (including – but not limited to – rhythm, melody, timbre, texture, harmony, and form); and to develop skills for appreciating cultural significances of these elements. We will achieve these goals through readings, lectures, discussions, film screenings, listening sessions, workshops, concerts, and hands-on activities. 3 hrs. lect. **ART**, **CMP**

MUSC 0160 Music Theory I: Fundamentals (Spring 2021)

This course is an introduction to the basic elements and theoretical concepts of Western music. We will focus on such topics as basic keyboard skills, sight singing, musical notation, rhythm, and harmony and form. Theoretical work and drills will be combined with compositional and performance projects. The goal of the course is to expand students' musical intuition and skill and to provide the technical basis for further music study. No prior musical experience is required. (Students who wish to take upper-level composition or music theory courses must either complete this course or pass a theory and musicianship test administered by the department to demonstrate equivalent experience.) (Formerly MUSC 0109). 2.5 hrs. lect. **ART**

MUSC 0205 Performance Lab (Fall 2020, Spring 2021)

Credit can be conferred for performance in faculty-supervised ensembles: (see listing of "Ensembles" in the requirements section). One unit of credit to accrue over two semesters (spring then fall only). The appropriate supervising faculty will give grades, based on attendance and quality of performance. A student should inform the ensemble director of intent to sign up for this course before starting, and should actually register for MUSC 0205 only the SECOND of the two terms by adding it as a fifth course. MUSC 0205 does not fulfill any major course requirements and may not be taken more than once. (Approval required) **ART** *(Fall 2020: E. Bennett, J. Buettner, J. Rehbach, J. Forman, D. Kafumbe)*

MUSC 0209 Music I (Fall 2020)

Music I focuses on the materials and grammar of music through compositional exercises. As part of these explorations, we will examine the elements of harmony (scales, triads and seventh chords), notation, rhythm, polyrhythm, binary and ternary forms, two-voice counterpoint, variation, transposition, as well as skills in conducting, analysis, ear-training, and sight-singing. Students will write short pieces for a variety of instruments and ensembles, notate their pieces, and rehearse and perform them, thereby learning about music through discovery and observation. The assignments are designed for students with or without compositional experience. (Ability to play an instrument or sing; MUSC 0160, or passing score on the MUSC 0160 placement exam) 3 hrs. lect./1 hr. lab. **ART** *(S. Tan)*

MUSC 0210 Music II (Spring 2021)

This course is a continuation of MUSC 0209. While using the same format, including composing and labs, as in MUSC 0209, the course covers elements of modality (western and non-western), functional harmony, heterophony, fugal processes, strophic forms, melodic analysis, serial processes, and extensions of tonality and atonality. (MUSC 0209 or by permission) 3 hrs. lect./1 hr. lab. **ART**

MUSC 0227 Religion, Music, and the Search for Meaning (Fall 2020)

In this course we will explore the complex and fascinating relationship between religious ideas and artistic creativity. Our focus will be on how religion is represented in music and literature, both globally and historically. We will begin our exploration in Ancient Egypt in the Third Millennium BC and progress into the 21st Century. Among the themes we will examine are 'ultimate questions' such as the origins of creation , the search for immortality, and the meaning of life. We anticipate that students will be encouraged to respond creatively – in musical or literary ways (or a combination of both) – to these explorations. 3 hrs. lect. **ART**, **CMP**, **PHL** *(S. Goldman)*

Cross-listed as: RELI 0227 *

MUSC 0244 African Music and Dance Performance (Fall 2020)

This course will introduce students to various techniques of performing East African (primarily Ugandan) musical and dance traditions through regular rehearsals, culminating in an end-of-semester concert. As an ensemble, we will learn and master how to play and sing/dance to bow-harps, thumb-pianos, xylophones, tube-fiddles, bowl-lyres, gourd shakers, struck gourds, reed-box rattles, ankle bells, leg rattles, and various types of drums. Some background in performing music is recommended, but prior knowledge of performing African music and dance is not required. 3 hrs. lect./lab **AAL**, **ART**, **SAF** *(D. Kafumbe)*

MUSC 0245 Collaborative Improvisation: All-Arts Ensemble (Spring 2021)

In this course/ensemble we will open dialogues of performance, improvisation, and social interaction across disciplines in the arts. How do the various disciplines relate to each other in a performance environment? It may be easy to see points of commonality between music and dance or writing and theater, but what about the act of painting and the process of musical improvisation? Through the work of Ornette Coleman, Del Close, John Cage, Pauline Oliveros, and others, students will explore improvisation in music, theater, dance, and visual art. The class will culminate in a performance. All students are welcome. 3 hrs. lect./disc. **ART**

MUSC 0246 A Cappella Ensemble Performance (Spring 2021)

Unaccompanied vocal music is rich in cultural expression and artistic beauty. Singing in an unaccompanied vocal ensemble enhances creativity, musicianship, and communication skills. This course affords an opportunity to develop analytical and ensemble skills that contribute to creative and informed performance. Through study of scores and source readings, students will explore vocal technique, performance, and cultural context in European art music, North American folk songs, and styles of improvisation. This course will conclude with a public performance and may include additional performances off campus. Music reading is required, prior singing experience is not. A preview of the reading requirement is available at go/Ensemble246. **ART**, **CMP**

MUSC 0260 Music Theory II: Diatonic Theory (Fall 2020)

This course is an in-depth technical study of the materials of music, a study which expands one’s ability to analyze and create music and to understand different musical styles. We will cover harmonic materials, introduce musical form, and work with traditional compositional skills. These techniques are applied to the analysis of classical music, jazz and popular music. (MUSC 0160 or passing score on the MUSC 0160 placement exam.) 3 hrs. lect./disc. **ART** *(M. Taylor)*

MUSC 0261 Music Theory III: Chromatic Theory (Spring 2021)

This course is a continuation of MUSC 0260. Students will study more advanced harmonic devices including modulation and chromaticism, jazz harmony, and post-tonal techniques. In-depth analysis of classical music, jazz, and popular music supports a more advanced study of musical form. (MUSC 0260) 3 hrs. lect./disc. **ART**

MUSC 0309 Advanced Composition (Fall 2020)

In this course we will focus on writing for string quartet, brass quintet, a cappella singing, piano, or performance art and involve issues of technique, style, and practical considerations, as well as study of selected elements of the literature. The course will culminate with a reading of student works by a professional ensemble or solo performer. This semester we focus on composing for the string quartet. We will discuss a variety of string techniques as well as issues of form and orchestration. We will listen to important works for that medium and discuss the styles from the Classical period to this century. (MUSC 0209 and 0210 or approval of instructor). 3 hrs. lect./disc. *(S. Tan)*

MUSC 0333 Music in Western Cultures (Fall 2020)

In this course we will develop skills for assessing music's social, economic, and political importance in Western societies. Through a series of units focusing on various aspects of music (such as composition, performance, dissemination, and reception) and on various eras from ancient Greece to the present, students will engage with the principal questions and methods of historical musicology. (MUSC 0101) 3 hrs. lect. **ART**, **CMP**, **CW**, **HIS** *(L. Hamberlin)*

MUSC 0334 Music in World Cultures (Spring 2021)

In this course students will develop skills for analyzing a wide range of music styles and appreciating their social, economic, and political importance. We will explore selected case studies through readings, lectures, discussions, film screenings, listening sessions, workshops, concerts, and hands-on activities. (MUSC 0209 or MUSC 0261) 3 hrs. lect. **AAL**, **ART**, **CMP**

MUSC 0400 Senior Seminar: Analysis and Engagement (Fall 2020)

In this course senior music majors will develop a deeper understanding of music by coupling accumulated knowledge with new study, to challenge and expand our definitions of structure and tonality in music. Students will analyze music aurally, from printed scores, and with visual elements including dance and recorded performances. Students will produce written assignments, engage in seminar discussions, and develop analytical presentations for public or department events on and off campus (to be determined each semester). Repertoire includes music since 1913, with emphasis on 21st century compositions; earlier music may also be included. Students may include a topic in their senior work in music for analysis and presentation. 3 hrs. lect./disc. **ART** *(D. Kafumbe)*

MUSC 0500 Independent Study (Fall 2020, Spring 2021)

Admission by approval. Please consult published departmental guidelines and paragraph below.

MUSC 0704 Senior Work (Fall 2020, Spring 2021)

Senior work is not required of all music majors and joint majors. However, students interested in and eligible for departmental honors (see guideline above, in "Departmental Honors" section) may propose one or two-semester Senior Work projects. Projects may be in history, composition, theory, ethnomusicology, performance, or electronic music, and should culminate in a written presentation, a public performance, or a combination of the two. MUSC0704 does not count as a course toward fulfillment of the music major.

Project and budget proposals for Independent Study and Senior Work should be submitted by the previous April 1 for fall and winter term projects, and the previous October 15 for spring term projects. Budget proposals will not be considered after those dates. Project proposals will be considered after the deadline but are more likely not to be approved due to previous commitments of faculty advisors or other scheduling reasons.

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Program in Neuroscience

Required for the major: The major includes required background and foundations courses, electives, and senior work. Required background courses in biology, psychology, and chemistry, establish a foundation in science necessary for upper-level study. Foundation courses teach students to approach neuroscience from three intellectually different, but related directions. Elective courses offer opportunities to explore a wide variety of neuroscience related areas. Senior work requires all majors to integrate their specific training through research or a senior seminar. Students may be exempt from some introductory courses through placement or bypass exams. For more information on placing out of a specific course, contact the chairperson of the relevant department.

Required Background Courses:
PSYC 0105 Introduction to Psychology
BIOL 0145 Cell Biology and Genetics
CHEM 0103 Fundamentals of Chemistry 1
Either PSYC 0201 Psychological Statistics or BIOL 0211 Experimental Design and Statistical Analysis (if available)

PSYC 0105, CHEM 0103, and BIOL 0145 should be taken as early as possible. We strongly recommend that PSYC 0201 or BIOL 0211 be taken by the end of the third year.

Foundations Courses: (all three are required)
NSCI 0251 Fundamentals of Cellular and Molecular Neuroscience (Not open to seniors)

NSCI 0252 Fundamentals of Behavioral Neuroscience (Currently only open to NSCI Majors with the prerequisites of PSYC 0105 and NSCI 0251)

Fundamentals of Philosophical Neuroscience—Students must take one of the following:
PHIL 0252 Philosophy of Mind
PHIL 0280 Semantics, Logic, and Cognition
PHIL 0360 Consciousness

Electives:
Majors must take three electives chosen from within or across the Biological, Psychological, or Philosophical groupings below:

Biological Studies of Neuroscience
BIOL 0216 Animal Behavior
BIOL 0235 Sexual Selection
BIOL 0270 Neural Disorders
BIOL 0305 Developmental Biology
BIOL 0350 Endocrinology
BIOL 0370 Animal Physiology
NSCI 0200 Pioneers of the Brain
NSCI 0225 Brain Evolution
NSCI 0345 Neurodevelopment

Psychological Studies of Neuroscience
PSYC 0202 Research Methods
PSYC/NSCI 0206 Brain Plasticity
PSYC/NSCI 0227 Cognitive Psychology
PSYC/NSCI 0302 Conditioning and Learning
PSYC/NSCI 0303 Sensation and Perception
PSYC/NSCI 0309 Psychopharmacology
PSYC/NSCI 0317 Biobehavioral Addiction
RELI/PSYC 0209 Mindfulness and Psychology
LNGT 0226 Phonetics & Phonology

Philosophical Studies of Neuroscience
PHIL 0214 Science and Society
PHIL 0216 Science and the Quest for Truth
PHIL 0220 Knowledge and Reality
*PHIL 0252 Philosophy of Mind
*PHIL 0280 Semantics, Logic, and Cognition
PHIL 0310 Moral Psychology
PHIL 0316 Philosophy of Science
PHIL/LNGT 0354 Philosophy of Language
*PHIL 0360 Consciousness
RELI/PHIL 0320 Yogacara Depth Psychology and Philosophy of Mind

* If not taken already to satisfy the Fundamentals of Philosophical Neuroscience requirement

Senior Work: A senior seminar in a neuroscience area, approved by the program. Offerings vary year by year, but possible courses include:

BIOL/NSCI 0420 Neurogenetics
BIOL 0475 Neuroplasticity
BIOL/NSCI 0480 Neurobiology
NSCI 0410 Neural Coding
NSCI 0425 Methods in Neuroscience
PSYC 0408 Family in Psychology
PSYC/NSCI 0414 Rhythms of the Brain
PSYC/NSCI 0418 Psychobio & Sex Diff. Critique
PSYC/NSCI 0430 Memory: A User's Guide
PSYC/NSCI 0434 Genes, Brain and Behavior
PSYC/NSCI 0437 Social/Emotional Brain
PSYC/NSCI 0438 Lenses on Sex and Gender
or a NSCI relevant BIOL, PSYC or PHIL 0400 level course approved in advance by the NSCI Program) OR senior research (NSCI 0500, NSCI 0700 and NSCI 0701).

During winter term and as course offerings change there may be others that are available for NSCI seminar credit. Seniors can do research with any faculty in the program, or with certain faculty in other departments provided the research project is approved by the neuroscience faculty and the project is related to understanding the nervous system and the mind.
Independent Research and Program Honors: Majors are encouraged to undertake independent research (NSCI 0500, NSCI 0700, NSCI 0701) with any faculty member in the program. Students considering any senior research should begin conversations with faculty early in their junior year. Those eligible for honors in neuroscience must (1) complete at least two semesters of thesis-related research (one term of NSCI 0500 or NSCI 0700 and one term of

NSCI 0701); (2) have a minimum GPA of 3.3 in major courses (excluding NSCI 0500/0700/0701); (3) present a public seminar describing the background, methodology, results, and greater significance of their research; (4) submit a written thesis and (5) successfully defend their thesis before a committee composed of at least two Neuroscience faculty members, plus others as needed who may recommend High Honors after considering these five components of a thesis.

Study Abroad: Study abroad can be a valuable experience that is encouraged, though majors must consult with the Office of Off-Campus Study and their advisor about the advisability of specific programs. Because the requirements for the NSCI major are complex, we recommend that students study abroad for a single term rather than an entire year. It is expected that the required courses listed for the major specifically by number (i.e. PSYC 0105, BIOL 0145, PSYC 0201 or BIOL 0211, NSCI 0251, NSCI 0252, and PHIL 0252, PHIL 0360, or PHIL 0358) would be completed at Middlebury. However, NSCI electives may be taken abroad if they are determined to satisfy program requirements and are approved by the advisor and program director. Students generally receive major credit for a maximum of two courses taken abroad. The NSCI program does not grant major credit for Independent Study projects completed abroad.

Advanced Placement:

Psychology AP Exam and IB: *Students with a score of 4 or 5 on the Psychology AP Exam, or a score of 6 or 7* on the IB (International Baccalaureate) Higher Level psychology exam, may bypass PSYC 0105. Students matriculating *Fall 2016 or later* will need to take an additional elective to fulfill their Neuroscience Requirements. Students matriculating *prior to Fall 2016* do not need an additional course for the major.

Psychology Department placement exam: *Students who receive a passing score on the Psychology Department placement exam may bypass PSYC 0105, however they will need to take an additional* elective to fulfill their Neuroscience Requirements. (More details can be found on the Psychology Requirements page.)

Statistics AP Exam: Students matriculating *Fall 2016 or later* may not use the Statistics AP Examination in place of taking PSYC 0201 (Psychological Statistics) or BIOL 0211 (Biostats). Credit for PSYC 0201 is given to students matriculating ***prior to Fall 2016*** who achieve a score of 4 or 5 on the **Statistics AP Examination**. These students do not need to take an additional course for the major.

Chemistry AP and Placement Exam: *Students with a score* ***of 4 or 5 on the Chemistry AP Exam,*** *or who pass the* ***Chemistry Department Placement Exam,*** *may bypass CHEM 0103 and do not need an additional course for the major.*

NSCI 0200 Pioneers of the Brain (Spring 2021)

The field of neuroscience emerged from the collective efforts of anatomists, physiologists, chemists, and psychologists all striving to understand the immense complexity of the nervous system. In this course we will investigate a selection of pioneering researchers in the history of neuroscience, focusing especially from the mid-19th century to the present day. Utilizing a historical framework, we will examine their hypotheses, methodologies, conclusions, and how their work was received (or derided) by contemporaries. Topics will range from molecular mechanisms of neuronal function to animal behavior. (BIOL 0145 or PSYC 0105 or CHEM 0103, or equivalent; open to non-seniors only, others by approval) 3 hrs. lect. **SCI**

NSCI 0227 Cognitive Psychology (Fall 2020)

Questions about the nature of the mind, thinking, and knowledge have a long and rich history in the field of psychology. This course will examine the theoretical perspectives and empirically documented phenomena that inform our current understanding of cognition. Lectures, discussions, demonstrations, and experiments will form the basis for our explorations of cognition in this class. Topics to be considered include attention, perception, memory, knowledge, problem solving, and decision making. (PSYC 0105; PSYC 0201 and PSYC 0202 recommended; not open to first-year students; open to psychology and neuroscience majors; others by waiver. Not open to students who have taken PSYC 0305) 3 hrs. lect./1.5 hrs. lab. **SCI** *(J. Arndt)*

Cross-listed as: PSYC 0227 *

NSCI 0251 Fundamentals of Cellular and Molecular Neuroscience (Fall 2020, Spring 2021)

Neurons are the building blocks of complex circuits that underlie perception and behavior. In this course we will examine the molecular and cellular basis of neuron structure and function. The topics include the molecular and cellular basis of action potential propagation, the molecular biology of synaptic transmission, the molecular mechanisms of synaptic plasticity, and the molecular mechanisms of sensory transduction. Laboratory exercises will train students in commonly used neurobiology techniques and engage students in novel investigations. (BIOL 0145 (Note: AP credit in biology cannot be used to satisfy this requirement) Open to neuroscience majors, nonmajors by waiver; Not open to seniors). 3 hrs. lect./3 hrs. lab. **SCI** *(Fall 2020: G. Ernstrom)*

NSCI 0252 Fundamentals of Behavioral Neuroscience (Fall 2020, Spring 2021)

Behavioral neuroscience is an interdisciplinary field that combines approaches and knowledge from psychology, biology, and chemistry to further our understanding of human and non-human animal behavior. In this course, you will study the interrelationships among elements of the nervous systems, co-functioning bodily systems, and behavioral output such as emotions, sex, memory, consciousness, sleep, and language. You will be given an opportunity to apply your knowledge from NSCI 0251 of the nervous system at the micro and macro levels and will revisit the basic concepts of behavioral genetics and psychopharmacology. This cumulative knowledge base will serve as your foundation for advanced study of neural systems and their relative roles in progressively more complex behaviors such as basic reflexes, motivation, rational thought, neural disorders, and therapeutic efficacy. (NSCI 0251; open to NSCI majors only, others by approval) 3 hrs. lect./3 hrs. lab. **SCI** *(Fall 2020: C. Parker, C. Cave)*

NSCI 0303 Sensation and Perception (Spring 2021)

Remarkably, using just five basic senses, our brains translate simple external stimuli (e.g. light and sound waves) into unique and vivid perceptual experiences enabling us to interact with our surrounding physical reality. Focusing primarily on the underlying mechanisms of vision and audition, we will explore how our brains construct detailed representations of our world. Throughout these explorations, we will identify perceptual limitations and investigate how mental processes such as attention and emotion affect our perceptions. We will review recent scientific articles and conduct experiments. (PSYC 0105 or any BIOL course; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect./1 hr. disc. **SCI**

Cross-listed as: PSYC 0303 *

NSCI 0317 Biobehavioral Addiction (Spring 2021)

Addiction is a pervasive disorder affecting society on a global scale. To understand this complex disorder, addictions are studied from the basic neural mechanisms, such as how neurons respond to addictive substances, to psychological factors and how they protect or increase risk. In this course we will examine the principles of substance addictions, emerging behavioral addictions (internet/gaming, problem-gambling), and underlying mechanisms that drive addiction. Topics include neural pathways of addictive substances, brain functional and structural changes, theories of motivation, neuropsychological risk factors, and modern prevention and treatment. Psychology and neuroscience students will bring their relative expertise to the class for thoughtful review of the literature.(PSYC 0105; not open to first year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect. **SCI**

Cross-listed as: PSYC 0317 *

NSCI 0320 Clinical Neuroscience (Fall 2020)

In this course we will examine human and animal models of clinical problems of the nervous system to understand their underlying causes and emerging treatments. Readings and discussions will include foundational writings and primary literature on cutting-edge medical research in Alzheimer's disease, Parkinsonism, dementias, mood disorders, and epilepsy, as well as regenerative medicine and deep brain stimulation. Students will lead in-depth class discussions, design their own research synthesis projects, and present on their conclusions on recent ground-breaking findings in the field. (NSCI 0251; open to neuroscience majors; others by waiver). **SCI** *(Z. Zhai)*

NSCI 0345 Neurodevelopment (Fall 2020)

The generation of the nervous system is an intricate, stepwise process involving the coordinated action of progenitor cells, organizing centers, and signaling pathways. Drawing examples from vertebrate and invertebrate neurodevelopment, we will examine the cellular and molecular mechanisms involved in generating a healthy, functioning nervous system. Topics will range from early embryonic events (neural induction, patterning) through mid-gestation (neurogenesis, gliogenesis) and later stage processes (axon guidance, synaptogenesis). Students will also gain an appreciation for the emerging role of activity-dependent plasticity in neurodevelopment and how developmental processes become compromised in disease. (NSCI 251; open to NSCI majors only, others by approval) 3 hrs. lect. **SCI** *(C. Cave)*

NSCI 0410 Neural Coding: Visualizing How the Brain Computes (Fall 2020)

How does the brain go from an electrical signal to recognizing friends? In this course we will learn to use MATLAB to explore visually how the brain uses electrical signals to compute information. By using MATLAB as the frame for the class, students will gain skills in using a fundamental tool in neuroscience. In addition, through the use of introductory lectures, readings, in class programming activities, and discussion, students will deepen their understanding of how sensory information is encoded and then decoded. No experience using MATLAB necessary. Calculus helpful but not required. (NSCI 0251; open to junior and senior neuroscience majors; others by waiver). **SCI** *(A. Crocker)*

NSCI 0418 Psychobiology and Sex Differences: Perils, Problems, and Contributions (Fall 2020)

Men and women differ reproductively, in hormonal patterns, in average height, and in muscle mass. Biology is accepted as contributing to these differences. Do biological contributions stop at the neck? Or might biology also contribute to neural and behavioral development in human as well as nonhuman species? We will examine evidence both for and against a potential role for psychobiological factors, such as hormones and chromosomes, in behavior and psychological states. These may include play behavior, cognition, sexual orientation, pain perception, addiction tendencies, and vulnerability to psychological disorders. We will also explore potential contributions of social and experiential factors because these may provide alternative, sometimes stronger, explanations, and because of potent reciprocal interrelationships between them. (PSYC 0105 and PSYC 0201; Open to junior and senior neuroscience and psychology majors only, others by waiver) 3 hrs. sem. *(M. Collaer)*

Cross-listed as: PSYC 0418 *

NSCI 0425 Methods in Systems Neuroscience (Spring 2021)

Our brains are series of connected neurons forming circuits. The properties of these neurons and circuits dictate their role in our behavior. This interaction is the foundation of systems neuroscience. In this course students will deepen their understanding of the fundamental properties of these neural circuits. Students will gain knowledge of the current methods of studying these circuits, including their promise for future research directions as well as their flaws. We will focus on learning the principles of neural circuitry and discussing primary literature. (NSCI 0252; open to junior and senior neuroscience majors; others by waiver). **SCI**

NSCI 0430 Memory: A User's Guide (Spring 2021)

How can I remember names better? How can I best study for an exam? How accurate are our memories? A deep understanding of how people remember will allow us to answer these and many other questions. Topics covered in this course include working memory, the nature of encoding and retrieval, applied aspects of remembering, and neuroscientific approaches to understanding memory. Readings will be a mixture of textbook and journal articles. The class will have a seminar format, with emphasis on student-led discussions and contributions. Additionally, student research groups will design and execute a research study examining human memory. Evaluations will be based on the research project, student-led discussions, and reaction papers. (PSYC 0201 or ECON 0210 or MATH 0116 or BIOL 0211; open to junior and senior psychology and neuroscience majors only) 3 hrs. sem.

Cross-listed as: PSYC 0430 *

NSCI 0500 Independent Research (Fall 2020, Spring 2021)

Students enrolled in NSCI 0500 complete individual research projects involving laboratory or extensive library study on a topic chosen by the student and approved in advance by a NSCI faculty advisor. This course is not open to seniors; seniors should enroll in NSCI 0700. (Approval required)

NSCI 0700 Senior Research (Fall 2020, Spring 2021)

This course is for senior NSCI majors who plan to conduct one or more semesters of independent research, or who plan to complete preparatory work toward a senior thesis, such as researching and writing a thesis proposal as well as, if appropriate, collecting data that will form the basis for a senior thesis. Senior NSCI majors who plan to complete a senior thesis should register initially for NSCI 0700. Additional requirements may include participation in weekly meetings with advisors and/or lab groups and attending neuroscience seminars. (Approval required, open to seniors only)

NSCI 0701 Senior Thesis (Fall 2020, Spring 2021)

Senior NSCI majors who have completed one or more terms of NSCI 0700, who have a GPA of 3.3 in their major courses, and who plan to complete a senior thesis should register for NSCI 0701 for the final semester of the senior thesis process. Students enrolled in NSCI 0701 write a thesis, give a public presentation of their research, and present an oral defense of the thesis before a committee of at least two Neuroscience faculty members. Faculty may recommend High honors in Neuroscience after considering the quality of these components of a student’s thesis and the student’s GPA in major courses. Additional requirements may include participation in weekly meetings with advisors and/or lab groups and attending neuroscience seminars. (NSCI 0700, Approval required)

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Department of Philosophy

Required for the Major: Majors must complete no fewer than eleven courses in the department, to include:

1. Logic Requirement: PHIL 0180 (to be taken by the end of the sophomore year)
2. History Requirement (to be taken by the end of the junior year; students going abroad in their junior year should complete the History Requirement prior to departure):
   a. PHIL 0201 or CLAS/PHIL 0275 and
   b. PHIL 0250
3. Distribution Requirement:
   a. one course in Ethics and Social & Political Philosophy (ESP); and
   b. one course in Epistemology, Language, Metaphysics, Mind and Science (ELMMS).
4. Upper-level Course Requirement: Three courses at the 0300 or 0400 level, at least one of which must be a 0400-level course. (Students may count only one cross-listed 300-level course taught by faculty outside the Philosophy Department towards their upper-level course requirement. 0400-level courses will not normally satisfy the distribution requirement. Courses taken while abroad will not generally be allowed to substitute for the required 0400-level course.)
5. Senior Independent Research Requirement
6. At least two other philosophy courses, in order to fulfill the eleven-course requirement.

Cognate courses may be substituted for no more than two departmental electives, but will not satisfy the departmental distribution requirement; such substitutions require the prior approval of a major's departmental adviser, and must be at the 0200-level or above.

Senior Independent Research Requirement: Majors must complete a one-semester independent research project (PHIL 0710) in the fall of their senior year. Topics and advisers will be decided through consultation with members of the department. PHIL 0710 includes participation in the senior project workshop held for all students completing their independent work.

Departmental Honors: Students will be awarded departmental honors if and only if they receive a) at least an A- average in courses counted toward the major, and b) an A- on their senior project. Students will be awarded high honors if and only if they receive a) at least an A- average in courses counted toward the major, and b) an A on their senior project.

Required for the Joint Major: For the philosophy component of a joint major, students must take nine philosophy courses, including

1. PHIL 0180, to be taken by the end of the sophomore year;
2. One 0400-level seminar to be taken in the last three semesters;
3. Three of the following:

   a. PHIL 0201 or CLAS/PHIL 0275
   b. PHIL 0250
   c. one course in Ethics and Social & Political Philosophy (ESP) and
   d. one course in Epistemology, Language, Metaphysics, Mind and Science (ELMMS)

4. A course in which the student completes a senior independent project that shows evidence of having integrated the training of both major fields. (Normally this course will be PHIL 0710, though other models may be appropriate.) The topic and scope of the independent project is to be determined in consultation with both major advisers.
5. At least three other philosophy courses, in order to fulfill the nine-course requirement.

Required for the Minor: A total of six courses in philosophy, including PHIL 0180 and at least one course at the 0300 or 0400 level. Minors wishing to take a 0400-level seminar must have completed three other philosophy courses first. Enrollment priority in 0400-level seminars will be given to majors. Students electing the philosophy minor are encouraged to consult with faculty members in the Philosophy Department about course planning.

PHIL 0150 Introduction to the Western Philosophical Tradition (Spring 2021)

This course will introduce students to fundamental philosophical issues concerning the nature of reality (metaphysics), the possibility of knowledge (epistemology), and the nature of value (ethical theory) through a reading of a number of important primary texts of thinkers such as Plato, Aristotle, Descartes, Hume, Kant, Kierkegaard, Mill, Nietzsche, and Freud. Cannot be taken by students with credit for PHIL 0151. 3 hrs. lect., 1 hr. disc. **EUR**, **PHL**

PHIL 0156 Contemporary Moral Issues (Fall 2020)

We will examine a selection of pressing moral problems of our day, seeking to understand the substance of the issues and learning how moral arguments work. We will focus on developing our analytical skills, which we can then use to present and criticize arguments on difficult moral issues. Selected topics may include world poverty, animal rights, abortion, euthanasia, human rights, just and unjust wars, capital punishment, and racial and gender issues. You will be encouraged to question your own beliefs on these issues, and in the process to explore the limit and extent to which ethical theory can play a role in everyday ethical decision making. 2 hrs.lect./1 hr. disc. **PHL** *(L. Besser)*

PHIL 0170 Introduction to World Philosophy (Fall 2020)

This course will offer a comparative introduction to a number of world philosophical traditions, including those of Europe and America, India, China, and Africa. We will consider central debates within these traditions, including: How should we live? What is the ultimate nature of reality, and how can we come to know it? What is the nature of the self, and how does it relate to society? We will also investigate the broader question of whether truth and morality are relative to culture. Central readings will include works by Plato, Aristotle, Nietzsche, Lao Tzu, Confucius, and contemporary African philosophers, as well as Hindu and Buddhist texts. 2 hrs. lect,*1 hr. disc.* **CMP**, **PHL** *(J. Spackman)*

PHIL 0180 Introduction to Modern Logic (Fall 2020, Spring 2021)

Logic is concerned with good reasoning; as such, it stands at the core of the liberal arts. In this course we will develop our reasoning skills by identifying and analyzing arguments found in philosophical, legal, and other texts, and also by formulating our own arguments. We will use the formal techniques of modern propositional and predicate logic to codify and test various reasoning strategies and specific arguments. No prior knowledge of logic, formal mathematics, or computer science is presupposed in this course, which does not count towards the PHL distribution requirement but instead towards the deductive reasoning requirement. 3 hrs. lect./1 hr. disc. **DED** *(Fall 2020: K. Khalifa)*

PHIL 0201 Ancient Greek Philosophy (Fall 2020)

This class introduces students to the range and power of Greek thought, which initiated the Western philosophical tradition. We will begin by exploring the origins of philosophy as found in myth (primarily Hesiod) and in the highly original speculation of the Pre-Socratic thinkers (such as Heraclitus and Parmenides). We will then focus on Socrates, Plato, and Aristotle, examining their transformations of these earlier traditions and their own divergent approaches to ethics and education. We will also consider the influences of Greek philosophy on later thought. 3 hrs. lect. **EUR**, **HIS**, **PHL** *(M. Woodruff)*

PHIL 0205 Human Nature and Ethics (Spring 2021)

This course offers a historical introduction to different views of morality and human nature, and the relationship between them. We will cover the central figures of both the ancient and modern periods of philosophy and consider their answers to questions fundamental to our lives and the decisions we make. We will consider the nature of the good life, happiness, and the virtues; whether or not a moral life is in our nature, and whether reason or emotions are the best guides to morality; and the nature of justice, and what role it plays for creatures like us. The philosophers we will study include Aristotle, Hobbes, Butler, Mill, and Kant. 3 hrs lect. **CW**, **EUR**, **PHL**

PHIL 0207 The Philosophy of Human Rights (Fall 2020)

What is a human right? If there are human rights, what moral obligations, if any, follow from them, and who bears those obligations? In this course, we will investigate the philosophical origins and development of the concept of human rights. We will critically analyze both historical and contemporary moral perspectives concerning the existence and nature of human rights. What does it mean to say one possesses a human right? We will also take a close look at the issue of human rights as they relate to world poverty and humanitarian intervention. Authors will include Hobbes, Bentham, Rorty, Nickel, and Pogge. (Not open to students who have taken FYSE 1317). **PHL** *(S. Viner)*

PHIL 0214 Science and Society (Fall 2020)

Scientific theories are not developed in a vacuum. Social circumstances influence the practice of science, and science, in turn, influences how we organize ourselves as a society. In this course will investigate both directions of the relationship between science and society. We will ask such questions as: how do the values of society drive scientific research? What do we mean when we claim that science is 'objective' and what do we expect of an objective science? Can there be 'good' politically-motivated science, or does this conflict with the norms of 'good' science? How important is science as a way of bettering society? Do scientists bear an extra burden of responsibility when they generate scientific results of particular social significance (such as the development of the atomic bomb, or the development of techniques of cloning)? We will examine particular cases of socially significant scientific research, and we will consider larger philosophical questions concerning the status of science as a source of knowledge. 3 hrs. lect. **PHL**, **SOC** *(H. Grasswick)*

PHIL 0234 Philosophy and Feminism (Spring 2021)

This course will examine the contributions of various feminists and feminist philosophers to some of the central problems of philosophical methodology, epistemology, philosophy of science, metaphysics, and ethics. Are there gendered assumptions in operation in the way particular philosophical problems are framed? For example, do the politics of gender contribute to accounts of objective knowledge and rationality? Are some philosophical perspectives better suited to the goals of feminism than others? We will also examine the general relationship between feminism and philosophy, and we will reflect on the relevance of theorizing and philosophizing for feminist political practice. **CMP**, **PHL**

Cross-listed as: GSFS 0234

PHIL 0237 Chinese Philosophy (Fall 2020)

A survey of the dominant philosophies of China, beginning with the establishment of the earliest intellectual orientations, moving to the emergence of the competing schools of the fifth century B.C., and concluding with the modern adoption and adaptation of Marxist thought. Early native alternatives to Confucian philosophy (such as Mohism, Daoism, and Legalism) and later foreign ones (such as Buddhism and Marxism) will be stressed. We will scrutinize individual thinkers with reference to their philosophical contributions and assess the implications of their ideas with reference to their historical contexts and comparative significance. Pre-1800. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **PHL** *(D. Wyatt)*

Cross-listed as: HIST 0237 *

PHIL 0250 Early Modern Philosophy (Spring 2021)

This course offers an introduction to some of the most influential European philosophers of the 17th and 18th centuries: Descartes, Spinoza, Locke, Berkeley, Hume, and Kant. We will consider and critically examine the responses these thinkers gave to various questions in metaphysics and epistemology, including the following: What is the relationship between reality and our perception of reality? What is the nature of the mind and how is it related to the body? What is the nature of physical reality? Which of our beliefs, if any, do we have good reason to maintain in the face of radical skepticism? 3 hrs lect. **EUR**, **PHL**

PHIL 0252 Philosophy of Mind (Spring 2021)

What is the nature of the mind, and how does it relate to the body and the physical world? Could computers ever think? Do animals have mental and emotional lives? This course will explore several of the major recent philosophical conceptions of the mind. A central focus will be on evaluating various attempts to explain the mind in purely physical terms, including the project of artificial intelligence (AI). Can these theories give us a complete understanding of the mind? Other key questions will include: What is the nature of thought, and how is it capable of representing the world? What is consciousness, and can it be explained physically? 3 hrs. lect./1 hr. disc. **PHL**

PHIL 0280 Semantics, Logic, and Cognition (Spring 2021)

Using logical and mathematical tools, formal semantics answers the following questions: Why do sentences mean what they mean? How is reasoning possible? How does language structure our understanding of time, change, knowledge, morality, identity, and possibility? We will evaluate several formal-semantic models from philosophical, linguistic, and psychological perspectives. This course is well suited for students interested in computer science, linguistics, logic, mathematics, neuroscience, philosophy, or psychology. (Some prior familiarity with formal logic is recommended, but not required.) 2 hrs. lect./1 hr. disc **DED**, **PHL**

Cross-listed as: LNGT 0280

PHIL 0286 Philosophy and Literature (Fall 2020)

In this course we will explore the border both separating and joining philosophy and literature. How does literature evoke philosophical problems, and how do philosophers interpret such works? How does fiction create meaning? Beginning with Greek tragedy, we investigate Plato’s “quarrel” with, and Aristotle’s defense of, poetry. Then we will turn to modern works, mostly European, on topics such as: tragedy and ethics; style and rhetoric; author and reader; time and temporality; mood and emotion; existence and mortality. Literary readings after Sophocles will be selected from Borges, Calvino, Camus, Kafka, Tolstoy, and Woolf. Philosophical readings after Plato and Aristotle will be selected from Bergson, Danto, Freud, Murdoch, Ricoeur, and Nussbaum. Not open to students who have taken PHIL/CMLT 1014 or FYSE 1081. **EUR**, **LIT**, **PHL** *(M. Woodruff)*

Cross-listed as: CMLT 0286

PHIL 0302 Philosophy of Plato (Spring 2021)

In this class, we will explore the significance, influence, and development of Plato's thought, paying special attention to the form of the dramatic dialogue and topics such as Platonic love, rhetoric and politics, learning and recollection, and the theory of forms. We will begin with the early period (dialogues such as the Meno and the Apology) focused on the historical figure of Socrates, continue to the middle period (Symposium, Republic), in which Plato develops his own distinctive views; and conclude with the later period (Philebus, Parmenides) in which Plato suggests a critique of Socrates and his own earlier positions. (Previous course in philosophy or waiver) **EUR**, **PHL**

PHIL 0305 Confucius and Confucianism (Spring 2021)

Perhaps no individual has left his mark more completely and enduringly upon an entire civilization than Confucius (551-479 B.C.) has upon that of China. Moreover, the influence of Confucius has spread well beyond China to become entrenched in the cultural traditions of neighboring Japan and Korea and elsewhere. This course examines who Confucius was, what he originally intended, and how the more important of his disciples have continued to reinterpret his original vision and direct it toward different ends. Pre-1800. (formerly HIST/PHIL 0273) 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **PHL**

Cross-listed as: HIST 0305 *

PHIL 0306 Philosophy of Law (Fall 2020)

In this course we shall consider a number of questions concerning law and its institution in human society. What is the origin and authority of law? What is legal obligation? What is the connection between law and coercion, between law and morality, and law and rights? Are laws merely conventions or is there a law of nature? What is the role of law in judicial decisions and the effect of these on the law? We shall also consider and evaluate various theories of law: natural law theories, utilitarian theories, analytical philosophy of law, critical legal studies, feminist theories. (formerly PHIL 0209) 3 hrs. lect. **PHL** *(S. Viner)*

PHIL 0319 Readings in the Philosophy of History (Fall 2020)

Even before the appearance of Georg W. F. Hegel's classic study The Philosophy of History, a heated debate was being waged concerning the nature and substance of history. Is history, like science, expressible in predictable patterns or subject to irrevocable laws? What factors distinguish true history from the mere random succession of events? What should we assume to be the fundamental nature of historical truth, and are we to determine it objectively or subjectively? Is it possible to be human and yet be somehow "outside of" history? These are among the questions we will examine as we read and deliberate on a variety of philosophies of history, while concentrating on the most influential versions developed by Hegel and Karl Marx. 3 hrs. sem. **CW** (5 seats), **EUR**, **HIS**, **PHL** *(D. Wyatt)*

Cross-listed as: HIST 0319 *

PHIL 0320 Seminar in Buddhist Philosophy: Yogacara Depth Psychology and Philosophy of Mind (Spring 2021)

In this seminar we will survey the basic ideas of Yogacara Buddhism (4-6th c. CE), one of two major schools of Indian Buddhism, in relation to cognitive science and philosophy of mind. We will examine these ideas historically, philosophically and comparatively. We focus on the Yogacara analyses of the largely unconscious 'construction of reality' and its systematic deconstruction through forms of analytic meditation. We will read primary and secondary texts on Indian Buddhism and texts espousing similar ideas in modern philosophy and the social and cognitive sciences. (one course on philosophy or RELI 0120, RELI 0220, RELI 0223, RELI 0224, RELI 0225, RELI 0226, RELI 0227or RELI 0228.) 3 hrs. sem. **AAL**, **PHL**

Cross-listed as: RELI 0320 *

PHIL 0354 Philosophy of Language (Spring 2021)

Speaking a language is a complex form of behavior that plays a rich and varied role in human life. The philosophy of language seeks to give a philosophical account of this phenomenon, focusing on such questions as: How does language gain meaning? How does it differ from animal communication? Is language in some sense innate? Other topics to be addressed include: theories of reference and truth; the relation between language, thought, and reality; and theories of metaphor. Readings from philosophers and linguists will include works by Frege, Russell, Wittgenstein, Chomsky, and Pinker. (Previous course in philosophy or waiver; PHIL 0180 is also strongly recommended)3 hrs lect. **PHL**

Cross-listed as: LNGT 0354

PHIL 0430 Seminar in Metaphysics and Epistemology (Spring 2021)

In this course, we will explore a specific topic in either epistemology (the philosophical study of knowledge), metaphysics (the philosophical study of reality), or the intersection thereof. Possible epistemological topics include specific theories of knowledge (foundationalism, coherentism, externalism, internalism, contextualism, etc.), skepticism, different sources of knowledge (perception, inference, testimony, a priori, etc.), the nature of representation, and the value of knowledge. Possible metaphysical topics include whether various entities (possibilities, universals, time) exist independently of our minds, theories of truth, and theories of causation. Points of intersection include the epistemologies characteristic of different metaphysical domains. Readings will be mostly contemporary. (Junior and senior majors, or by waiver) 3 hrs. sem. **PHL**

PHIL 0434 Feminist Epistemologies (Fall 2020)

In recent years, feminist epistemologies, such as feminist standpoint theories and feminist empiricisms, have been extremely influential in developing social theories of knowledge. They have also served as a crucial intellectual tool for feminist theorists trying to understand the connections between social relations of gender and the production of knowledge and ignorance. In this course we will investigate some of the major themes and challenges of feminist epistemologies and feminist philosophies of science: How is knowledge socially situated? What does it mean to look at knowledge through a gendered lens? How is objective knowledge possible according to feminist epistemologies? We will work to understand the influence of feminist epistemologies in contemporary philosophy. We will also consider how feminist epistemologies have guided research on gendered and raced relations. (Approval required; Open to philosophy and GSFS senior and junior majors. GSFS majors must have previously taken GSFS 0320, or permission.) 3 hrs. sem. **CMP**, **PHL** *(H. Grasswick)*

Cross-listed as: GSFS 0434

PHIL 0500 Research in Philosophy (Fall 2020, Spring 2021)

Supervised independent research in philosophy. (Approval required).

PHIL 0710 Senior Independent Research (Fall 2020)

In this course senior philosophy majors will complete an independent research project. The course has two components: (1) a group workshop in which students refine their research skills and develop parts of their projects, and (2) individual meetings with an adviser who is knowledgeable about the student's research topic. Students will engage in research activities such as tutorials and peer reviews. Before the course begins, students’ research topics and advisers will be decided in consultation with members of the department. (Senior majors.) 3 hrs. sem.

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Physical Education

Physical education is a degree requirement. The physical education program concentrates on lifetime sports, so that all students leave Middlebury College with exposure to sports or recreational activities in which they have developed a degree of skill and interest, which will be an asset to them in later years. Each course carries one unit of physical education credit.

Before graduation, students must complete two different activities to receive the required two credits. Students are encouraged to complete the credits by the end of their fourth academic semester at Middlebury (excluding winter term). In the case of transfer students, students are encouraged to complete the requirement by the end of their second semester at Middlebury. Students who have not completed their requirement by the second semester of their senior year will not be eligible to graduate.

Students may use participation on varsity and junior varsity intercollegiate teams as a way of satisfying the physical education requirement. No more than one of the two physical education credits may be earned from participation in a single sport. Two-sport athletes may satisfy both physical education credits through participation on varsity and junior varsity intercollegiate teams.

The Physical Education Department also recognizes participation in six club sports. The five club sports that can receive a physical education credit are rugby, crew, water polo, aikido, sailing and cricket, which have a coach on site for practices and games. In order to receive a physical education credit, students must participate in one full season of crew, rugby, water polo, sailing or cricket. Students in aikido must attend 20 classes per semester. Each of these club sports will equal one physical education credit.

Students who wish to elect additional courses beyond those required for graduation may register with the department for the appropriate season and be scheduled for classes on a space-available basis. Some of the courses and activities follow:

Certification Courses (textbook and related fee applicable): Lifeguard Training, and First Aid/CPR.

Fee Classes: alpine skiing, kickboxing, martial arts, massage, meditation, horseback riding, scuba, nordic skiing, spinning, and yoga. Instructors outside of the College generally teach these courses. The fees and times are available during Banner web registration.

Equipment Sports (students provide equipment): tennis.

More Equipment Sports (department provides equipment): archery, badminton, fencing, golf, and squash.

Conditioning Courses: Resistance training, strength training, and swim for conditioning.

Dance Courses (as available): varying levels of ballet, jazz, and modern dance (DANC 0160, DANC 0161, DANC 0162, DANC 0260, DANC 0261, DANC 0276, DANC 0360, DANC 0361, DANC 0380, DANC 0381).

The department schedules two seasons of instructional courses in the fall and spring terms and

one season in the winter term. Registration is on a first-come, first-served basis and is open to students electing courses on a space-available basis. Students unaware of their physical education record should check with the Registrar's Offfice to ensure completion of their program prior to graduation. Applications for transfer credit must be made in advance, following college procedure for academic credit transfer. The Registrar's Office processes credits from transcripts for students transferring to Middlebury.

All requests for medical waivers must come from the student's physician. Injuries and illnesses suffered on campus will be considered as exceptions to the previous statement and will be handled by the College health center.

Upcoming Academic Year Dates (2019-20)
Fall I: September 16 - October 18
Fall II: October 28 - December 6
Winter Term: January 6 – January 31
Spring I: February 17 - March 20
Spring II: April 6 - May 8

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Department of Physics

Physics is the fundamental science; it leads to our most basic understanding of the natural world and of human technological achievements. The physics program at Middlebury is designed to integrate physics into the liberal arts curriculum, as well as to provide challenging courses and research opportunities for students majoring in physics. Courses and student research activities in astronomy are also part of the physics program.

Courses designed especially for nonscience students include PHYS 0155 (Introduction to the Universe), PHYS 0106 (Physics for Educated Citizens), selected offerings in winter term, and first year seminars. Students majoring in the sciences for premedical, pre-engineering, and other professional programs, and others who desire a more analytical approach to physics, usually select courses from the introductory physics sequence PHYS 0109, PHYS 0111, and PHYS 0110. In addition, they may elect more advanced courses at the 0200-level or above.

For those majoring in physics, we offer a broad range of courses that emphasize a variety of topics in physics while building both theoretical understanding and experimental skills. Middlebury physics majors apply their education in a wide variety of careers. Some pursue graduate work in physics and related fields; others find their physics degrees valuable in engineering, medicine, business, law, teaching, government service, and other pursuits. The physics program is designed to serve the needs of both those intending advanced study in physics and those for whom formal work in physics will end with the Middlebury degree.

The physics department encourages its majors to study abroad to gain experience at international research facilities, improve language proficiency, and pursue academic interests outside of physics. Students who study abroad, or in a 2-1-1-1 pre-engineering program, may be eligible to transfer one upper-level physics course per term off campus for the physics major. Transfer is contingent upon approval of the department chair, for a maximum of two transferred courses, of which only one may be an elective. Students should obtain this approval before studying off campus.

Physics majors interested in obtaining high school physics teaching certification should consult the education studies program as soon as possible, preferably no later than the middle of their sophomore year.

Required for the Major in Physics: The major program consists of eight required physics courses: PHYS 0109, PHYS 0110, PHYS 0111, PHYS 0201, PHYS 0202, PHYS 0212, PHYS 0301, and PHYS 0321; a minimum of three PHYS electives; and a one-term senior project (PHYS 0704). To be eligible for departmental honors, a student must also complete either a semester of senior thesis (PHYS 0705) or one additional elective beyond those required. Mathematics at least through the level of MATH 0122 is also required; this requirement may be satisfied either at Middlebury or through appropriate pre-college courses in calculus.

Electives must be chosen from physics courses at the 0200, 0300, or 0400 level, except that an upper-level physics course taken off campus or an advanced cognate course from another department at Middlebury (specifically, CHEM 0351 or CHEM 0355) may be used to satisfy one of the elective requirements. For students completing double majors, courses counted towards another major cannot also be counted as electives toward the physics major. Independent study

courses such as PHYS 0500 may not be used for elective credit. In addition to recurring courses in spring and fall terms, PHYS courses that satisfy the elective requirement are occasionally offered during the winter term.

Prospective majors must begin the physics sequence no later than the sophomore year (typically no later than the third fall/spring term on campus). Starting in the first year allows more flexibility in the choice of courses and senior work and increases the feasibility of off-campus study. Students majoring in physics are advised to complete MATH 0122 (or equivalent) by the end of their first two regular terms. Students planning graduate work in physics or a related subject should elect as many as possible of PHYS 0302 (Electromagnetic Waves), PHYS 0330 (Analytical Mechanics), PHYS 0350 (Statistical Mechanics), and PHYS 0401 (Quantum Mechanics). In addition, MATH 0200 (Linear Algebra), MATH 0223 (Multivariable Calculus), and MATH 0225 (Topics in Linear Algebra and Differential Equations) are strongly recommended for those anticipating graduate study. Most physics majors will find computer programming skills through the level of CSCI 0201 extremely valuable.

Senior Program: The senior project (PHYS 0704) involves a significant piece of experimental or theoretical research to be completed in the final year at Middlebury. Topics in recent years have included work in astrophysics, atomic and optical physics, biophysics, condensed matter physics, cosmology, environmental applications, laser spectroscopy, classical and quantum waves, and quantum computing. Outstanding performance in PHYS 0704 may, with the permission of the advisor and department, allow continuation of the senior project as a senior thesis (PHYS 0705). The Physics Department does not offer a minor.

Departmental Honors: A minimum grade average of B in physics courses is required of all honors candidates. To be eligible for departmental honors, a student must also complete either a semester of senior thesis (PHYS 0705) or one additional elective beyond the number required. Honors in physics are awarded primarily on the basis of excellent senior work combined with depth and excellence of coursework in physics. A student's overall accomplishments in the department, including teaching assistantships and leadership, are also considered in the awarding of honors.

Pre-Engineering: Some students study physics with the intent of eventually doing engineering, either through a dual degree or in graduate school. Students who pursue a physics major en route to a 3-2 engineering degree (in which the Middlebury component is completed by the end of the junior year) take the same eight-course sequence outlined above, with one elective chosen from physics courses at the 0200, 0300, or 0400 level; they also must complete a one-unit senior project (PHYS 0704). Students in a 2-1-1-1 pre-engineering program (those who return to Middlebury for the senior year) take the normal physics major and choose electives in consultation with the pre-engineering advisor. One upper-level physics course per term completed off campus may be counted towards the major with the approval of the department chair, for a maximum of two transferred physics courses, only one of which may be an elective.

Advanced Placement: Students who seek advanced placement in physics should take the College Board AP examinations. Credit for PHYS 0109 is given to students who achieve a score of 4 or 5 on the Physics C: Mechanics examination.

PHYS 0106 Physics for Educated Citizens (Spring 2021)

In this course for nonscience majors we will explore topics of current interest—climate change, energy resources, nuclear processes, radiation, satellite communication—and show how each is understood within the context of physics. Our resources will be a textbook, Physics and Technology for Future Presidents, and non-technical articles of your choosing. Our goals will be to develop a working knowledge of physics as it applies to important topics, to effectively communicate that knowledge through discussions and oral presentations, and to develop an understanding of how science is grounded in data and thoroughly intertwined with society. 3 hrs. lect./disc. **DED**, **SCI**

PHYS 0109 Newtonian Physics (Fall 2020, Spring 2021)

This calculus-based course examines motion as it occurs throughout the universe. Topics covered include inertia, force, Newton's laws of motion, work and energy, linear momentum, collisions, gravitation, rotational motion, torque, angular momentum, and oscillatory motion. Emphasis is on practical applications in physics, engineering, the life sciences, and everyday life. Laboratory work and lecture demonstrations illustrate basic physical principles. (MATH 0121 or MATH 0122 concurrent or prior; students who have taken high school calculus or other college calculus courses should consult with the instructor prior to registration) 3 hrs. lect/3 hrs. lab. **DED**, **SCI** *(Fall 2020: P. Hess)*

PHYS 0110 Electricity and Magnetism (Fall 2020, Spring 2021)

The physical principles of electricity and magnetism are developed with calculus and applied to the electrical structure of matter and the electromagnetic nature of light. Practical topics from electricity and magnetism include voltage, current, resistance, capacitance, inductance, and AC and DC circuits. Laboratory work includes an introduction to electronics and to important instruments such as the oscilloscope. (PHYS 0109, MATH 0122) 3 hrs. lect./3 hrs. lab. **DED**, **SCI** *(Fall 2020: N. Graham)*

PHYS 0111 Thermodynamics, Fluids, Wave Motion, and Optics (Fall 2020, Spring 2021)

This calculus-based lecture and laboratory course covers concepts from classical physics that are not included in PHYS 0109 and PHYS 0110, and that serve as a bridge between those two courses. Topics include thermal properties of matter, thermodynamics, fluid mechanics, wave motion, sound, and geometrical and physical optics. This course is strongly recommended for all students otherwise required to take PHYS 0109 and PHYS 0110 as part of a major or a premedical program, and is required for physics majors. (PHYS 0109, MATH 0121, or equivalent) 3 hrs. lect./3 hrs. lab. **DED**, **SCI** *(Fall 2020: S. Watson)*

PHYS 0155 An Introduction to the Universe (Fall 2020)

Our universe comprises billions of galaxies in a rapidly expanding fabric. How did it begin? Will it expand forever, or how may it end? How do the stars that compose the galaxies evolve from their births in clouds of gas, through the tranquility of middle age, to their often violent deaths? How can scientists even hope to answer such cosmic questions from our vantage point on a small planet, orbiting a very ordinary star? Are there other planets, orbiting other stars, where intelligent beings may be pondering similar issues? This introductory astronomy course, designed for nonscience majors, will explore these and other questions. Students will also become familiar with the night sky, both as part of our natural environment and as a scientific resource, through independent observations and sessions at the College Observatory. The approach requires no college-level mathematics, but students should expect to do quantitative calculations using scientific notation and high-school algebra. 3 hrs. lect./1 hr. disc. **DED**, **SCI** *(E. Glikman)*

PHYS 0201 Relativity and Quantum Physics (Fall 2020)

This course probes a number of areas for which classical physics has provided no adequate explanations. Topics covered include Einstein's special relativity, quantization of atomic energy levels and photons, the atomic models of Rutherford and Bohr, and wave-particle duality. (PHYS 0109; PHYS 0110 concurrent or prior; MATH 0122) 3 hrs. lect. **DED**, **SCI** *(C. Herdman)*

PHYS 0202 Quantum Physics and Applications (Spring 2021)

This course introduces quantum theory and statistical mechanics, and explores the Heisenberg uncertainty principle, the Schrödinger wave equation, and wave mechanics. These techniques are then applied to atomic, molecular, nuclear, and elementary particle systems. (PHYS 0201; PHYS 0212 concurrent or prior) 3 hrs. lect. **DED**, **SCI**

PHYS 0212 Applied Mathematics for the Physical Sciences (Spring 2021)

This course concentrates on the methods of applied mathematics used for treating the partial differential equations that commonly arise in physics, chemistry, and engineering. Topics include differential vector calculus, Fourier series, and other orthogonal function sets. Emphasis will be given to physical applications of the mathematics. This course is a prerequisite for all 0300- and 0400-level physics courses. (MATH 0122; PHYS 0110 concurrent or prior) 4.5 hrs. lect. **DED**

PHYS 0255 An Introduction to Astrophysics (Fall 2020)

In this course students will learn the fundamental concepts and techniques used by astronomers to understand the universe and its contents. These include the physics of light (which conveys the properties of astrophysical phenomena) and gravity (the fundamental force that drives orbits) as well as stellar and galactic evolution. Beginning with the Sun, we will use these tools to study the nature of stars, nuclear processes, and stellar evolution, including the deaths of stars and supernova explosions. Continuing with the Milky Way galaxy, we will also study the nature and structure of galaxies including their stellar populations, gas content, and star formation. Finally, we will investigate the large-scale environment of galaxies, galaxy mergers and interactions, active galaxies, and their evolution. (PHYS 0111, PHYS 0212 or MATH 0223) 3 hrs. lect. **DED**, **SCI** *(E. Glikman)*

PHYS 0301 Intermediate Electromagnetism (Fall 2020)

The unified description of electricity and magnetism is one of the greatest triumphs of physics. This course provides a thorough grounding in the nature of electric and magnetic fields and their interaction with matter. Mathematical techniques appropriate to the solution of problems in electromagnetism are also introduced. The primary emphasis is on static fields, with the full time-dependent Maxwell equations and electromagnetic waves introduced in the final part of the course. (PHYS 0110; PHYS 0201 or by permission; PHYS 0212) 3 hrs. lect./1 hr. disc. *(N. Graham)*

PHYS 0302 Electromagnetic Waves (Spring 2021)

Maxwell's theory of the electromagnetic field provides the basis of our understanding of the nature of light, radio waves, infrared radiation, X-rays, and other forms of electromagnetic radiation. This course examines the behavior of electromagnetic waves starting from Maxwell's equations, the fundamental laws of electromagnetism. Topics include wave propagation in different materials; reflection and refraction at interfaces; applications in space communications, optics, and other fields; and relativistic electrodynamics. (PHYS 0301) 3 hr. lect. **DED**, **SCI**

PHYS 0321 Experimental Techniques in Physics (Fall 2020, Spring 2021)

This course will cover the design and execution of experiments, and the analysis and presentation of data, at an advanced level. Laboratory experiments will be chosen to illustrate the use of electronic, mechanical, and optical instruments to investigate fundamental physical phenomena, such as the properties of atoms and nuclei and the nature of radiation. Skills in computer-based data analysis and presentation will be developed and emphasized. This course satisfies the College writing requirement. (PHYS 0111 concurrent or prior; PHYS 0201 and PHYS 0202 and PHYS 0212; MATH 0200 recommended) 3 hrs. lect./3 hrs. lab/1 hr disc. (Approval required) **CW** *(Fall 2020: M. Durst)*

PHYS 0340 Introduction to Solid State Physics (Fall 2020)

In this course, the properties of solids are shown to arise naturally from their atomic composition and their structure. Elementary quantum mechanics, electromagnetism, and statistical mechanics are invoked to explore fundamental properties of crystalline solids, including their classification as metals, insulators, semiconductors, and semimetals. Topics covered include crystal structure and diffraction; crystal vibrations; electrical and thermal conduction; and the response of solids to external electric and magnetic fields. (PHYS 0202 and PHYS 0212) 3 hrs. lect. *(S. Watson)*

PHYS 0350 Statistical Mechanics (Spring 2021)

This course is a study of statistical mechanics and its applications to a variety of classical and quantum systems. It includes a discussion of microstates, macrostates, and entropy, and systematically introduces the microcanonical, canonical, grand canonical, and isobaric ensembles. This underlying theory is applied to topics including classical thermodynamics, the equipartition theorem, electromagnetic blackbody radiation, heat capacities of solids, and ideal classical and quantum gases, with a focus on Bose-Einstein condensation and degenerate Fermi systems. (PHYS 0202 and PHYS 0212) 3 hrs. lect.

PHYS 0401 Quantum Mechanics (Spring 2021)

A fundamental course in quantum mechanics aimed at understanding the mathematical structure of the theory and its application to physical phenomena at the atomic and nuclear levels. Topics include the basic postulates of quantum mechanics, operator formalism, Schrödinger equation, one-dimensional and central potentials, angular momentum and spin, perturbation theory, and systems of identical particles. (PHYS 0202 and PHYS 0212; MATH 0200 recommended) 3 hrs. lect.

PHYS 0500 Independent Study and Special Topics (Fall 2020, Spring 2021)

(Approval required)

PHYS 0704 Senior Project (Fall 2020, Spring 2021)

Independent research project incorporating both written and oral presentations. *(Fall 2020: C. Herdman; Spring 2021: P. Hess)*

PHYS 0705 Senior Research and Thesis (Fall 2020, Spring 2021)

Independent research in the fall, winter, and spring terms culminating in a written thesis (two units total). (Approval required) *(J. Dunham, E. Glikman, S. Ratcliff, P. Hess)*

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Department of Political Science

Students who matriculate in Fall 2020 or later will adhere to the following requirements. Students who matriculated prior to Fall 2020 may choose either the following requirements or the previous requirements, below.

Required for the Major in Political Science: All regular fall and spring term political science courses fall into one of five categories: (1) American Politics, (2) Comparative Politics, (3) International Relations and Foreign Policy, (4) Methods, and (5) Political Theory. A major must take ten regular political science courses, including:

(1) At least one American Politics course
(2) At least one Comparative Politics course
(3) At least one International Relations and Foreign Policy course
(4) At least one Methods course
(5) PSCI 0101: Introduction to Political Philosophy

We recommend that students start with 100-level courses, whenever possible. No more than one of the ten PSCI major credits may be obtained through a winter term course. At least seven of the ten courses must be taken at Middlebury College in Vermont.

Senior Program*:* One of the ten required courses must be a PSCI or PSCI cross-listed 0400-level senior seminar offered by a member of the Middlebury faculty in Vermont. Work done in programs abroad, at other North American colleges and universities, or in the Washington Semester program will not count as the equivalent of a Middlebury seminar. IGST seminars co-taught by PSCI faculty cannot substitute for 0400-level PSCI seminars but will count as an elective towards the 10 required courses in PSCI.

Departmental Honors*:* Students who elect to seek departmental honors write a thesis in their senior year. Honors candidates should initiate the process by contacting their prospective faculty advisor during their junior year (including students who are abroad during their junior year). Candidates must submit an honors thesis proposal to their advisor prior to the term(s) in which the thesis is to be written. If the proposal is approved, the student may register for PSCI 0500 (independent project) in the first term of the thesis, followed by PSCI 0700 for the second and third terms. All students who plan to write a thesis are strongly encouraged to enroll in a Methods course before their senior year. After an oral examination of the completed thesis, honors are conferred or denied on the basis of (1) the level of the grade achieved on the thesis; and (2) the level of the average grade received in other fall and spring courses taken at Middlebury. Courses taken abroad do not count toward the grade point determination. Honors theses candidates will have a political science course average of at least 3.33 and a thesis grade of B+ or higher to attain honors; a political science course average of at least 3.50 and a thesis grade of A- or higher to attain high honors; and a political science course average of at least 3.67 and a thesis grade of A to attain highest honors. For a full description of regulations, check the Thesis Procedures and Schedule page on the PSCI website.

Independent Study*:* Students with demonstrated preparation and proficiency in the field may elect independent study projects (PSCI 0500). These projects are prepared under the supervision of a member or members of the department. The PSCI 0500 projects may not be

substituted for the seminar requirement. The PSCI 0500 projects are reading and research courses; the department will not award PSCI 0500 credit for political experience such as congressional internships. No more than one of the ten courses required for the major may be a PSCI 0500 credit.

Joint Majors: Students wishing to do a joint major in political science and another department or program of studies must take eight regular political science courses. Among the eight total courses required for the major, the student must take at least one course in each of the five categories, including PSCI 0101, and a 0400-level seminar. Students must also give evidence of having used the training in both majors, usually in a seminar paper, but sometimes in an independent project or thesis. At least five courses including the 0400-level seminar must be taken at Middlebury College in Vermont. Students may count a maximum of one political science winter term course toward the eight required courses for the joint major. Joint majors do not qualify for honors in political science. (Double majors are eligible.)

International Politics and Economics Major*:* The IP&E major allows students to combine the study of politics, economics, and languages, linking these disciplines with an appropriate experience abroad. Students wishing to pursue this major should refer to International Politics and Economics in both the General Catalog and the online catalog.

International and Global Studies Major*:* IGST seminars co-taught by PSCI faculty cannot substitute for 0400-level PSCI seminars unless they are cross-listed IGST/PSCI seminars. It is highly recommended that IGST thesis candidates supervised by a PSCI faculty member enroll in a PSCI Methods course before their senior year.

Minors in Political Science*:* The minor in political science will consist of five courses taken at Middlebury College, which must come from at least three of the five categories of courses offered by the department, and may include a maximum of one winter term course. At least one of the courses must be at the 0300-level or above.

Advanced Placement*:* Students may not apply credits earned prior to matriculation toward the ten courses required for the PSCI major.

Previous requirements, optional only for students who matriculated prior to Fall 2020.

Required for the Major in Political Science: A major must take ten regular political science courses. One of these ten must be an introductory course in the political theory subfield (PSCI 0101 or PSCI 0107). Two additional courses must be introductory courses in two of the three other subfields: American politics (PSCI 0102 or PSCI 0104); comparative politics (PSCI 0103); and international relations (PSCI 0109). These three required introductory courses should normally be completed before the end of the sophomore year. Among the ten total courses required for the major, the student must also fulfill the field distribution requirement, and complete the 0400-level seminar. At least seven of these ten courses, including the 0400-level seminar, must be taken at Middlebury College in Vermont. Students may count a maximum of one political science winter term course as one of the ten required courses for the major. Winter term courses may be used to fulfill the field distribution requirement.

The Field Distribution Requirement*:* All regular fall and spring term political science courses are classified in one of the following four fields: Political Theory, American Politics, Comparative Politics, and International Relations and Foreign Policy. Students must take at least two courses in any three of these fields and one course in the fourth field**.**

***Senior Program**:* The senior program consists of a seminar of the major's choice. Each seminar includes advanced work appropriate to the field in which the seminar is offered. The seminars are the 0400-level courses offered by the department. Seminars are open to juniors and seniors. Normally, the senior program requirement must be completed by taking a seminar offered by a member of the Middlebury faculty. Work done in programs abroad, at other North American colleges and universities, or in the Washington Semester program will not count as the equivalent of a Middlebury seminar. IGST seminars co-taught by PSCI faculty cannot substitute for 0400-level PSCI seminars but will count as an elective towards the 10 required courses in PSCI.

***Departmental Honors**:* Students who elect to seek departmental honors write a thesis in the senior year. All students who plan to write a thesis are strongly encouraged to enroll in PSCI 0368 before their senior year (and students writing a political theory thesis are encouraged to take a 0300-level theory course). Honors candidates should initiate the process by contacting their prospective faculty advisor during their junior year (including students who are abroad during their junior year). Candidates must submit an honors thesis proposal to their advisor prior to the term(s) in which the thesis is to be written. If the proposal is approved, the student may register for PSCI 0500 (independent project) in the first term of the thesis, followed by PSCI 0700 for the second and third terms. After an oral examination of the completed thesis, honors are conferred or denied on the basis of (1) the level of the grade achieved on the thesis; and (2) the level of the average grade received in other fall and spring courses taken at Middlebury. Courses taken abroad do not count toward the grade point determination. Honors theses candidates will have a political science course average of at least 3.33 and a thesis grade of B+ or higher to attain honors; a political science course average of at least 3.50 and a thesis grade of A- or higher to attain high honors; and a political science course average of at least 3.67 and a thesis grade of A to attain highest honors. (For a full description of regulations, pick up a copy of Honors Theses Procedures and Regulations in Munroe 213 or check the PSCI web page at www.middlebury.edu/academics/ps/requirements)/thesesproceduresandschedule.

***Independent Study**:* Students with demonstrated preparation and proficiency in the field may elect independent study projects (PSCI 0500). These projects are prepared under the supervision of a member or members of the department. The PSCI 0500 projects may not be substituted for the seminar requirement. The PSCI 0500 projects are reading and research courses; the department will not award PSCI 0500 credit for political experience such as congressional internships.

Joint Majors: Students wishing to do a joint major in political science and another department or program of studies must take eight regular political science courses. One of these eight must be an introductory course in the political theory subfield (PSCI 0101 or PSCI 0107). Two additional courses must be introductory courses in two of the three other subfields: American politics (PSCI 0102 or PSCI 0104); comparative politics (PSCI 0103); and international relations (PSCI 0109). These three required introductory courses should normally be completed before the end of the sophomore year. Among the eight total courses required for the major, the student must also take at least two courses in any two of the four fields of political science and one course in the third and fourth fields and complete a 0400-level seminar. Students must also give evidence of having used the training in both majors, usually in a seminar paper, but sometimes in an independent project or thesis. At least five courses including the 0400-level seminar must be taken at Middlebury College in Vermont. Students may count a maximum of one political science winter term course as one of the eight required courses for the joint major. Winter term courses may be used to fulfill the field distribution requirement. Joint majors do not qualify for honors in political science. (Double majors are eligible.)

International Politics and Economics Major*:* The IP&E major allows students to combine the study of politics, economics, and languages, linking these disciplines with an appropriate experience abroad. Students wishing to pursue this major should refer to International Politics and Economics in both the General Catalog and the on-line catalog.

International and Global Studies Major*:* IGS seminars co-taught by PSCI faculty cannot substitute for 0400-level PSCI seminars, In addition, it is highly recommended that IGS thesis candidates enroll in PSCI 0368 before their senior year.

Minors in Political Science*:* The minor in political science will consist of five courses taken at Middlebury College, which must come from at least two of the four fields in the department, and may include a maximum of one winter term course. At least one of the courses must be at the 0300-level or above. The five course requirement will not be reduced by AP credits.

Advanced Placement*:* A score of 4 or 5 on the College Board Advanced Placement Examination in American politics will entitle the student to exemption from PSCI 0104; such a score may satisfy the requirement of one course in the American politics field. A score of 4 to 5 on the College Board Advanced Placement Examination in comparative politics will entitle the student to exemption from PSCI 0103; such a score may satisfy the requirement of one course in the comparative politics field. While supplying two college credits, advanced placement in both American politics and comparative politics will only count as one of the ten courses required for the political science major. Students will also receive only one distribution credit for AP courses, and notwithstanding the distribution credit, all students must take at least one course in each subfield.

PSCI 0101 Introduction to Political Philosophy (Fall 2020, Spring 2021)

What is politics and how should it be studied? Is there a best regime? A best way of life? How are these two things related, if at all? Can we gain knowledge of such topics? We will examine these questions through a study of the some or all of the following texts: Plato, *Apology of Socrates*, *Republic*; Aristotle, *Nicomachean Ethics*, *Politics*; Thucydides, *The Peloponnesian War*; St. Augustine, *Confessions*; St. Thomas Aquinas, *Summa Theologica*, *Summa Contra Gentiles*; *Machiavelli*, *The Prince*; Hobbes, *Leviathan*; Locke, *Second Treatise on Government*; Rousseau, *Discourse on the Origin and Foundations of Inequality Among Men*; Marx, *The Communist Manifesto*, *The German Ideology*, *Capital*; and *Weber*, "Science as a Vocation." 4 hrs. lect./disc. (*Political Theory*) **EUR**, **PHL**, **SOC** *(Fall 2020: M. Dry)*

PSCI 0102 The American Political Regime (Spring 2021)

This is a course in American political and constitutional thought. The theme, taken from de Tocqueville's Democracy in America, is the problem of freedom. The first half covers the American founding up through the Civil War and the "refounding." This includes de Tocqueville, Madison's Notes on the Debates in the Federal Convention, the Federalist-Anti-Federalist ratification debate, Supreme Court decisions (Marbury, McCulloch), writings of Jefferson, Calhoun, and Lincoln. The second half considers basic problems in American politics, such as race, gender, foreign policy, and education. Readings include a novel, *de Tocqueville*, and Supreme Court decisions (Brown, Frontiero, Roe, Casey, Grutter, Lawrence). 4 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC**

PSCI 0103 Introduction to Comparative Politics (Fall 2020, Spring 2021)

This course offers an introduction to the comparative study of political systems and to the logic of comparative inquiry. How are different political systems created and organized? How and why do they change? Why are some democratic and others authoritarian? Why are some rich and others poor? Other topics covered in this course include nationalism and political ideologies, forms of representation, the relationship between state institutions and civil society, and globalization. The goal in this course is to use comparative methods to analyze questions of state institutions -- how they arise, change, and generate different economic, social, and political outcomes. 3 hrs. lect. disc. *(Comparative Politics)/* **CMP**, **SOC** *(Fall 2020: S. Gumuscu, A. Verghese)*

PSCI 0104 Introduction to American Politics (Fall 2020, Spring 2021)

This course introduces the institutions and practices of American government and politics. The aim is to give students a firm understanding of the workings of and the balance of power among the American Congress, President, bureaucracy, and court system. We begin with the Constitution, which provides the set of founding principles upon which the American government is based. We then look at how American citizens make decisions about politics. Finally, we examine how political institutions, interest groups, parties, elections, and legislative bodies and rules aggregate diverse, often conflicting preferences and how they resolve or exacerbate problems. 3 hrs. lect./disc. *(American Politics)/* **AMR** (Fall 2020), **NOR** (Fall 2020), **SOC** (Fall 2020) *(Fall 2020: B. Johnson)*

PSCI 0109 International Politics (Fall 2020, Spring 2021)

What causes conflict or cooperation among states? What can states and other international entities do to preserve global peace? These are among the issues addressed by the study of international politics. This course examines the forces that shape relations among states, and between states and international regimes. Key concepts include: the international system, power and the balance of power, international institutions, foreign policy, diplomacy, deterrence, war, and global economic issues. Both the fall and spring sections of this course emphasize rigorous analysis and set theoretical concepts against historical and contemporary case studies. 3 hrs. lect./disc. *(International Relations and Foreign Policy)/* **CMP**, **SOC** *(Fall 2020: A. Yuen, M. Williams)*

PSCI 0210 Frontiers in Political Science Research (Fall 2020, Spring 2021)

Nothing is more controversial among political scientists than the topic of how to study politics. In this course, we consider a variety of advanced techniques for studying political phenomena, including statistical methods, game theory, institutional analysis, case study techniques, experiments, and agent-based modeling. We will work with concrete examples (drawn from major political science journals) of how scholars have used these techniques, and consider the ongoing philosophical controversies associated with each approach. Students will have the opportunity to conduct original research using a method and subject of their choosing. (Any political science courses) 3 hrs. lect.disc (Methods) **DED** (Fall 2020), **SOC** (Fall 2020) *(Fall 2020: B. Johnson)*

PSCI 0211 Conservation and Environmental Policy (Fall 2020)

This course examines conservation and environmental policy in the United States. In order to better understand the current nature of the conservation and environmental policy process, we will begin by tracing the development of past ideas, institutions, and policies related to this policy arena. We will then focus on contemporary conservation and environmental politics and policy making—gridlock in Congress, interest group pressure, the role of the courts and the president, and a move away from national policy making—toward the states, collaboration, and civil society. 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC** *(C. Klyza)*

Cross-listed as: ENVS 0211 *

PSCI 0213 Qualitative Methods in Political Science (Spring 2021)

This seminar offers a broad introduction to qualitative methodology with a focus on comparative methods for the analysis of a relatively small number of cases (small-n). This course will enable students to create and critique qualitative research designs in political science. The course focuses on recent methodological writings and includes several substantive examples from various subfields. Topics covered include causal inference, case studies, cross-case comparison, typological theory, case selection, process tracing, counterfactual analysis, and set theory. We will also discuss approaches to multi-method research and the use of mixed methods in political science. 3 hrs. lect. **DED**

PSCI 0215 Federalism, State and Local Politics (Spring 2021)

What are the unique political opportunities and constraints facing state and local governments? How have these changed over time? In this course we examine the relationships between different levels of government in the U.S. federal system, considering the particular tasks and dilemmas facing states and cities, and scrutinizing the complex interactions between governments that characterize federalism in the United States. Topics include local political culture, intergovernmental grants, state parties, and state political economy. Vermont, New York, and California will receive special scrutiny. 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC**

PSCI 0217 Politics of the Middle East and North Africa (Spring 2021)

This course is an introduction to important themes, concepts, and cases in the study of Middle Eastern and North African politics. We will examine key political issues in the region, focusing primarily on developments since World War II and issues of relevance to the region today. For the purposes of this course, the region is defined as the countries of the Arab world, Israel, Turkey, and Iran. The first half of the course introduces major themes in Middle Eastern politics. These include state development, nationalism, revolution, authoritarian rule, the petro-state, the Arab-Israeli conflict, conflicts in the Persian Gulf, civil conflict, the rise of Islamism, and attempts at liberal reform. The second half of the course examines how these themes have affected political development in a number of key cases. Primary cases include Egypt, Israel, Iran, Morocco, Turkey, Saudi Arabia, and Iraq. Students will have the opportunity to individually assess other countries of personal interest in the region. 3 hrs. lect./disc. *(Comparative Politics)/* **AAL**, **MDE**, **SOC**

PSCI 0219 What Can I Say? Free Speech v. Racist Speech in the United States and Europe (Fall 2020)

In this course we will delve into the politics and law surrounding issues of racist speech in the United States and Europe. We will look at the development of speech doctrines in the post-World War Two era, drawing on well-known case studies from American constitutional history, as well as European examples such as the Danish Cartoon Controversy and Holocaust denial cases. Through comparison across time and countries, we will debate the appropriate limits on racist speech in different contexts. (Not open to students who have taken FYSE 1510 or PSCI 1023) 3 hrs. lect./disc **CMP**, **CW**, **SOC** *(E. Bleich)*

PSCI 0221 Contemporary Chinese Politics (Spring 2021)

This introductory course provides students with a background in how the party-state political system functions, and then investigates the major political issues in China today. We will focus first on economic reform issues, such as income inequality, the floating population, and changes in the socialist welfare model, and then on political reform issues, such as the liberalization of news media, NGO and civil society activity, protest and social movements, environmental protection, and legal reform. China is a quickly changing country, so students will focus on analyzing current events but also have an opportunity to explore a topic of interest in more detail. 3 hrs. lect./disc. *Comparative Politics* **AAL**, **NOA**, **SOC**

PSCI 0228 Central and East European Politics (Spring 2021)

This introductory course surveys the key stages in the political development of East and Central Europe in the 20th century, including the imposition of communist rule, crises of de-Stalinization, the revolutions of 1989, the politics of post-communist transitions, the Balkan wars, and democratization. It focuses on those factors that either promote or impede the development of stable democratic regimes and assesses East Europe's prospects in the context of EU enlargement and NATO expansion. 3 hrs. lect./disc. *(Comparative Politics)/* **EUR**, **HIS**, **SOC**

PSCI 0237 International Law (Fall 2020)

In this course we will analyze how legal principles operate at the international level and how those principles intersect with national laws. We will examine a variety of legal issues and concepts including but not limited to sovereignty, human rights, trade and investment law, use of force, and environmental treaties. Throughout the class, we will pair those issues and concepts with real-world cases. 3 hrs lect. *(International Relations and Foreign Policy)/* **SOC** *(G. Winslett)*

PSCI 0239 The Future of Great Power Relations (Spring 2021)

Will America’s global preeminence endure in the 21st century? Will Russia, Japan, and the European Union decline while other powers grow more influential? In this course we will explore the future global balance of power and prospects for cooperation and conflict among the world’s great powers. Topics include the rise of Brazil, China, and India; the changing nature of American power; the causality of global power shifts and their implications for cooperation or competition on issues such as energy security, cyber security, nuclear nonproliferation, UN Security Council reform, intervention in the Middle East, and Sino-American relations. (PSCI 0109) 3 hrs. sem. *(International Relations and Foreign Policy)/* **AAL**, **CMP**, **SOC**

PSCI 0251 Identity and Conflict in South Asia (Spring 2021)

In this course we will examine political development and conflict in South Asia through the concept of identity. South Asians take on a variety of identities -- ethnic, religious, linguistic, caste, national, etc. These identities often form the basis of political mobilization and both inter- and intrastate conflict. We will study the general concept of identity, including how identities are constructed and used, and then specific manifestations in South Asia. We will also examine the question of whether these identities were constructed during colonial or post-colonial times, or have an earlier basis. *(International Relations and Foreign Policy)/* **AAL**, **SOA**, **SOC**

PSCI 0253 Game Theory for Political Science (Fall 2020)

How do candidates for political office choose their platforms? Why do some conflicts lead to war while others do not? What legislation will legislators introduce? These and many other compelling questions of political behavior often use game theory as a tool to study strategic, or interdependent, decision-making. Students will learn basic concepts of game theory and how to apply them to a range of political phenomena. To succeed, students need only a solid background in algebra. Students who have taken ECON 0280 cannot register for this course. (Any political science course) (formerly PSCI 0393) 3 hrs. lect./disc. (Methods) **DED**, **SOC** *(A. Yuen)*

PSCI 0256 Politics of India (Spring 2021)

This course provides students with an introduction to the history and politics of India, one of the most diverse, populous (home to more than one-seventh of the world’s population), and important developing countries in the modern world. This course proceeds chronologically, beginning with ancient Indian (South Asian) civilization, the Mughal Empire of the medieval period, the British colonial experience, Independence, Partition, and contemporary politics, including rising development, as well as the growth of Hindu nationalism. 3 hrs. lect. **AAL**, **SOA**, **SOC**

PSCI 0258 The Politics of International Humanitarian Action (Spring 2021)

Humanitarian intervention has emerged as a new moral imperative that challenges traditional concepts and practices in international relations. In this course we will consider how a range of actors--international organizations, states, NGOs--understand the concept of humanitarian intervention and engage (or not) in humanitarian actions. We will examine a variety of policy choices, including aid and military intervention, through case studies, including Somalia, Kosovo, and Rwanda. The goal of the course is to enable students to assess critically the benefits and challenges of a humanitarian approach to global politics. 3 hrs. lect./disc. *(International Relations and Foreign Policy)/* **AAL**, **CMP**, **SOC**

PSCI 0286 Authoritarian Politics (Fall 2020, Spring 2021)

The purpose of this course is to examine the characteristics and dynamics of non-democratic regimes. First, we will define autocracy and consider different forms of authoritarianism and how their leaders come into power. Next, we will investigate why some authoritarian regimes are able to sustain their rule while others collapse. Finally, we will explore how citizens of these regimes bolster, comply with, or revolt against their governments. Throughout the course, adopting a comparative standpoint, we will draw on various country cases. *(Comparative Politics)/* **CMP** (Fall 2020), **CW** (Fall 2020), **SOC** (Fall 2020) *(Fall 2020: J. Teets)*

PSCI 0290 Contentious Politics in Asia (Fall 2020)

In this course we will compare protest, social mobilization, and contentious politics across Asia. While some have argued that "Asian values" cause harmonious and stable political systems, we will start from the premise that contentious politics in the region reflect the same dynamics seen elsewhere throughout history. However, as with all countries, the specific institutional and cultural context often shapes particular forms of contention. Empirically, we will focus on key regions including East and Southeast Asia as well as the domestic and international dimensions of activism. (PSCI 0103 or PSCI 0109) 3 hrs. lect. *(Comparative Politics)* **AAL**, **CMP**, **SOC** *(O. Lewis)*

PSCI 0304 International Political Economy (Fall 2020, Spring 2021)

This course examines the politics of global economic relations, focusing principally on the advanced industrial states. How do governments and firms deal with the forces of globalization and interdependence? And what are the causes and consequences of their actions for the international system in turn? The course exposes students to both classic and contemporary thinking on free trade and protectionism, exchange rates and monetary systems, foreign direct investment and capital movements, regional integration, and the role of international institutions like the WTO. Readings will be drawn mainly from political science, as well as law and economics. 3 hrs. lect./disc./(International Relations and Foreign Policy)/ **SOC** *(Fall 2020: S. Stroup)*

PSCI 0306 American Constitutional Law: The First Amendment (Fall 2020)

This course focuses on the Supreme Court’s interpretation of the first amendment freedoms of speech, press, and religion. After starting with the philosophic foundations of these first amendment freedoms (Mill, Locke), students will read the major Supreme Court decisions concerning these rights. Class assignments in the form of oral arguments and briefs and/or options will enable students to take the part of lawyers and judges. (Sophomores, juniors and seniors with PSCI 0102 or 0104 or 0205 or 0206 or 0305 or waiver) 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **PHL** *(M. Dry)*

PSCI 0308 U. S. National Elections (Fall 2020)

In this course we will analyze national elections in the United States. Topics covered will include party systems, electoral realignment, voting behavior and turnout, candidate strategy, the nomination process, the legal framework for elections, the Electoral College, gender, race and ethnicity, the media, the Internet, and U.S. elections in comparative perspective. Although the focus will be on the upcoming congressional and presidential contests, earlier elections will be studied for insight into continuity and change in American electoral politics. 3 hrs. lect./disc. (American Politics) **AMR**, **NOR**, **SOC** *(M. Dickinson)*

PSCI 0310 American Public Policy (Spring 2021)

This course examines the functioning of the entire United States political system, with an emphasis on the policies or outcomes of this political system. The first part of the course will examine the context in which policy is made (e.g., history, capitalism, liberalism). The second part of the course will focus on the policy-making process. We will examine the major stages of the policy process: agenda setting, policy formulation, adoption, implementation, and evaluation. The third and final part of the course will focus on specific policy areas, such as education policy and health care policy. 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC**

PSCI 0314 Globalization, Terrorism, and Global Insurgency (Fall 2020)

How does globalization change the nature of terrorism and create a global security environment characterized by a series of hybrid asymmetric threats? What are the connections between organizations, conflict regions, and the developed world? This course will focus on at least four modules that link aspects of globalization to global counterterrorism, counterinsurgency, and counterproliferation policy: 1) migration, immigration, and the movement of people, 2) illicit international markets and financing, 3) global communications, and 4) the connections between international relations, foreign-policy, and political violence worldwide. Skill development will focus on policy evaluation and analysis, oral briefings, collaborative project management, and collaborative policy strategy papers. (approval only) 3 hrs. sem. **SOC** *(O. Lewis)*

PSCI 0319 The Politics of Taxes (Fall 2020)

Who gets taxed and how much they get taxed is at least as much a political decision as an economic one. Additionally, the ways governments tax their citizens (and how much they tax them) vary widely between different countries. Moreover, the purpose underlying governments' use of taxes ranges from fighting inequality to incentivizing various behavioral changes. In this course we will examine sales taxes, wealth taxes, corporate profits, income taxes and the politics around those taxes in a variety of national contexts. (*Comparative Politics*). 3 hrs. sem. **CW**, **SOC** *(G. Winslett)*

PSCI 0340 International Order and Organization: Theories and Practice (Spring 2021)

In this course we will study the organization of global politics in the 20th century and beyond. Using both "secondary" and "primary" perspectives, we will evaluate some of the key mechanisms by which international relations are supposed to have been ordered—international institutions (like the World Bank), international organizations (like the United Nations), and international norms (like human rights). Students will develop greater knowledge of the evolution of the international system and refine their tools for analyzing international organization. 3 hrs. sem. (International Relations and Foreign Policy) **CMP**, **SOC**

PSCI 0392 Asymmetric Conflict Research Practicum (Spring 2021)

The prevalence of civil conflict, asymmetric threats, and global counterterrorism have resulted in the dramatic growth of special operations, security cooperation, and peacebuilding in civil conflict environments. To what extent have we learned the lessons of the post 9/11 world, and to what extent is the global policy community prepared for the asymmetric, embedded, and culturally aware operations that characterize 21st century conflict? Examples will be drawn from around the globe and we will take a comparative approach to conflicts within and across regions, noting their impacts on institutions, policy processes, and human social systems. This course uses the ongoing development of the Special Operations Research Database (SORD) as a platform for learning about global counterterrorism and for students' training in all phases of research methodology, including fieldwork interviewing techniques. 3 hrs. lect. *(International Relations and Foreign Policy)/* **CMP**, **SOC**

PSCI 0401 Modern and Post-Modern Political Thought (Spring 2021)

This course examines one of the central dilemmas of modern and post-modern political theory: the sense that the Enlightenment project has come to an end, and the need to establish a "new," more fitting, conception of human beings in the world. Readings include Dostoevsky, Notes from Underground; Nietzsche, Genealogy of Morals, and Zarathustra; Freud, Civilization and Its Discontents, and some of Heidegger's later essays, including "The Question Concerning Technology," "Letter on Humanism," and "The Essence of Truth." Previous courses in philosophy or political philosophy highly recommended. (PSCI 0101 or PSCI 0102 or PSCI 0104 or PSCI 0107) 3 hrs. sem. *(Political Theory)/* **EUR**

PSCI 0421 American Environmental Politics (Spring 2021)

In this seminar we will examine various aspects of environmental politics in the United States. Topics to be covered include how society seeks to influence environmental policy (through public opinion, voting and interest groups,) and how policy is made through Congress, the executive branch, the courts, collaboration, and through the states. Policy case studies will vary from year to year. Students will write a major research paper on an aspect of U.S. environmental politics. (PSCI/ENVS 0211) 3 hrs. sem. (American Politics)

PSCI 0425 The American Presidency (Fall 2020)

In-depth examination of the exercise of presidential leadership from a normative and empirical perspective. What are the sources of presidential power, the constraints on its use, and the implications for the American political system? The focus is on the leadership strategies of the modern presidents (FDR through Obama). (PSCI 0102 or PSCI 0104 or PSCI 0206 or waiver) 3 hrs. sem. *(American Politics)/ (M. Dickinson)*

PSCI 0427 How Democracies Die (Fall 2020)

After years of expansion since the end of the cold war, democracy now is in retreat. From young democracies in the developing world to bastions of liberal democracy in Western Europe and North America, democratic political systems are under mounting pressure. What are the fundamental features of this recession? What are the driving forces behind global democratic backsliding? Why do people support autocrats? In this course we will tackle these questions and discuss an array of factors that contribute to global democratic recession including the role of the political elite, failing institutions, eroding norms, and the role of ordinary people. In so doing we will delve deeper into economic and social causes of this decline. Our focus will span from global trends to individual cases such as Venezuela, Turkey, Hungary, India, the United States, and the Philippines. (Not open to students who have taken FYSE 1544) 3 hrs. Sem. **CMP**, **SOC** *(S. Gumuscu)*

Cross-listed as: IGST 0427 *

PSCI 0438 Political Islam (Spring 2021)

In this course we will survey the central questions in studies of political Islam, focusing on the emergence of Islam as a political force in the contemporary period. Discussion will center on the following core topics: (1) the nature of political Islam and Islamic interests; (2) how Islamic political movements develop; (3) why Islamic political movements flourish or fail; (4) how Islamic interests are expressed in the political arena; and (5) what types of political systems are most compatible with politicized Islam? These questions will be addressed by looking at the general history of the contemporary Islamic resurgence and by examining case studies on Egypt, Algeria, Iran, Afghanistan, Turkey, West Africa, and Southeast Asia. 3 hrs. sem. *(Comparative Politics)/* **AAL**, **MDE**

PSCI 0450 Ethnic Conflict (Fall 2020)

Experts regard *ethnic* divides as causing everything from nationalist violence to democratic breakdown to economic stagnation. In this course we will engage the most prominent recent and classic research into the relationship between ethnicity, conflict, and peace. Readings will include leading works in a wide variety of theoretical and empirical traditions, including comparative political science, rational choice, comparative history, sociology, and anthropology. Empirical material includes cases from many parts of the world. 3 hrs. sem. *(Comparative Politics)/* **SOC** *(A. Verghese)*

PSCI 0452 Ecocriticism and Global Environmental Justice (Spring 2021)

Many global environmental problems—climate change, biodiversity, deforestation, clean water, and transboundary waste movement—are ineffectively managed. In this course we will take a critical look at these failures and ask: do existing norms and attitudes make effective, sustainable environmental management more difficult? In doing so, we will examine institutions and phenomena such as the sovereign nation-state, free market capitalism, and the authority of scientific knowledge. We will ask whether sustainable management is compatible with these institutions and phenomena, or whether they contribute to environmental injustice, racism, political marginalization, and gender and class inequity by studying contemporary and historic examples. 3 hrs. sem. *(International Relations and Foreign Policy)/*

PSCI 0454 Leadership: Politics and Personality (Spring 2021)

What difference do leaders make? Are leaders born or made? What accounts for effective leadership? Do answers to these questions change when the social, cultural, and political context varies? This course will approach the subject of leadership from a multidisciplinary perspective, focusing on (1) the individual personalities and values of leaders; (2) the relationship of leaders to the institutions they serve; (3) the role of the state and cultural context in which the leadership is exercised; and (4) the process of leading. (One course in comparative politics) 3 hrs. sem. *(Comparative Politics)/*

PSCI 0458 The U.S. Politics of Race, Gender, and Class (Spring 2021)

Race, gender, and class have long shaped American politics. They have formed the basis for social movements, have structured institutions, and have affected the way political actors–from voters to activists to elected officials–have made their day-to-day decisions. What do political scientists know about the roles that race, gender, and class play in politics, separately and together, and what do we yet have to learn? (PSCI 0102 or PSCI 0104) 3 hrs. sem. *(American Politics)* /(Critical Race Feminisms) **AMR**, **NOR**, **SOC**

Cross-listed as: GSFS 0458

PSCI 0483 The Rise of Asia and US Policy (Fall 2020)

In this course we will study what is arguably the most important strategic development of the 21st century: how the rise of Asia presents security challenges to the region and the United States. Drawing from international relations scholarship, the course will focus on foreign policy challenges and potential responses. These challenges include both traditional security and nontraditional areas such as water and the environment. We will integrate the analysis of these issues in South, East, and Southeast Asia with study of the policy process, in part through simulations and role-playing exercises. 3 hrs. sem.
(Comparative Politics)/ **AAL**, **CMP**, **NOA**, **SOC** *(J. Lunstead)*

PSCI 0500 Independent Projects (Fall 2020, Spring 2021)

A program of independent work designed to meet the individual needs of advanced students. (Approval required)

PSCI 0700 Honors Thesis (Fall 2020, Spring 2021)

(Approval required)

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Department of Psychology

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The Department of Psychology at Middlebury College has a strong commitment to the scientific study of human mental processes, emotions, and behavior. In keeping with this philosophy, the department offers a broad range of courses that provides students with the opportunity to learn about basic research and its applications in a variety of areas, including social, cognitive, behavioral, cultural, clinical, environmental, educational, biological, and developmental psychology.

Requirements for the Major in Psychology: The psychology major consists of a minimum of 10 courses in five categories: (I) Foundation courses, (II) Core courses, (III) Labs, (IV) Advanced seminars, and (V) Electives.

***I. Foundation courses*:** The foundation courses provide students an overview of the field, the background, and the skills necessary to understand psychology as an empirical science. The required foundation courses are Introduction to Psychology (PSYC 0105) and the Statistics/Research Methods sequence (PSYC 0201 and PSYC 0202). Most students complete the Statistics/Research Methods sequence by the end of their sophomore year, but no later than the end of their junior year.

***II. Core courses*:** All students must complete at least three core courses, one each from three of the five areas below. Core courses ensure that students have a broad understanding of various subfields within the discipline. Students are strongly encouraged to complete core courses no later than the end of their junior year.

We offer core courses in the following areas:

- ***Clinical*: Psychological Disorders (PSYC 0224)**
- ***Cognitive*: Cognitive Psychology (PSYC 0227--*formerly PSYC 0305*) or Emotions (PSYC 0205)**
- ***Developmental*: Adolescence (PSYC 0216) or Child Development (PSYC 0225)**
- ***Physiological*: Physiological Psychology (PSYC 0226--*formerly PSYC 0301*)**
- ***Social/Personality*: Social Psychology (PSYC 0203) or Personality Psychology (PSYC 0204) or Cultural Psychology (PSYC 0220)**

III. Labs: All students must take at least one course with a lab section in addition to Psychological Statistics and Research Methods in Psychology. The lab course may also fulfill another course requirement simultaneously (e.g., a core or an elective course). Lab courses are designated as such in the course descriptions. For 2017-18, these are PSYC 0226, PSYC 0227, and PSYC 0320.

IV. Advanced seminars: Each student must take one advanced seminar (0400-level course) in psychology. Advanced seminars in psychology emphasize the synthesis and integration of theory; these may be taken during junior and/or senior years.

***V. Electives*:** Finally, students must choose any three additional courses from the psychology curriculum, including winter term. In addition to regular content courses, PSYC 0350, PSYC 0500, PSYC 0700, or the PSYC 0701/0702/0703 sequence may be used to satisfy one of the elective requirements.

Requirements for the Minor in Psychology: To earn a minor in psychology students need to complete five psychology courses, including the following:

- PSYC 0105
- Two foundation/core courses from among PSYC 0201, PSYC 0202, PSYC 0203 (or PSYC 0204), PSYC 0216 (or PSYC 0225), PSYC 0224, PSYC 0226 (formerly PSYC 0301), and PSYC 0227 (formerly PSYC 0305)
- Two electives (any fall, spring, or winter term PSYC courses; one of which can be PSYC 0350, PSYC 0500, or PSYC 0700).

Research Opportunities: *There are options for students who are interested in conducting research in psychology.* Students need permission from a faculty member prior to enrollment in these courses.

- ***Sophomores and Juniors*** may take Directed Research (PSYC 0350) or Advanced Research (PSYC 0500) under the supervision of a faculty member.
- ***Seniors*** may choose to pursue Senior Research (PSYC 0700) or a Senior Thesis (PSYC 0701/0702/0703). Senior Research and Senior Theses offer students the opportunity to further synthesize and integrate psychology theory and data by conducting research in collaboration with a faculty mentor.

Students cannot take more than one psychology independent research course (PSYC 0350, PSYC 0500, or PSYC 0700) per semester.

Departmental Honors in Psychology*:* Students who meet the department requirements may apply to the department to complete a senior honors thesis in psychology. A thesis requires students to apply their skills and knowledge to the completion of a year-long empirical research project. Students intending to complete honors work are expected to submit a *Thesis Intent Form* by the stated deadline (early to mid-March) of their junior year. Therefore, students should consult with a faculty member before that deadline to actively begin planning their research. The psychology thesis requires three semesters (including Winter Term) of independent research. During the fall term of their senior year, candidates will enroll in PSYC 0701. During the winter and spring terms, after meeting the special requirements listed in the course description and being accepted into honors candidacy, they will enroll in PSYC 0702 and PSYC 0703, respectively (adjustments to this schedule will be made for students entering in February). A minimum GPA of 3.5 in psychology department courses is required for admission to honors candidacy.

Advanced Placement: Students can bypass PSYC 0105 and move directly to a higher-level course if they earned a Psychology AP Examination score of 4 or 5, or earned a score of 6 or 7 on the IB (International Baccalaureate) Higher Level psychology exam, or achieved a passing grade on the PSYC Department Placement Exam. Students with lower AP/IB scores, or who took the IB standard Level psychology exam, or who have done previous psychology course work may choose to take the placement exam. ***A passing score on the department placement exam means that students may enroll in courses that list PSYC 0105 as a pre-requisite, but it does <u>not</u> provide course credit toward the major or minor, graduation, or other***

College requirements. Course credit for PSYC 0105 is given to students who achieve a score of 4 or 5 on the Psychology AP Examination. Beginning with students matriculating in the Fall of 2016, the department will not grant course credit for the Statistics AP Examination, towards the major, the minor, or as an equivalent for PSYC 0201 (Psychological Statistics).

Transfer Credits in Fulfillment of the Psychology Major and Minor: Students may transfer no more than two psychology courses toward the major or minor while enrolled as a full time student at Middlebury. Students wishing to obtain approval to transfer more than two courses must petition the department in advance.

Major in Neuroscience: See the Neuroscience Program listing for a description of this major.

Major in Environmental Studies with a focus in Psychology: See the Environmental Studies Program listing for a description of this major.

Education Studies Minor with a Psychology Major: Up to two of the Psychology courses required for the Education Studies minor may also be counted towards the Psychology major.

PSYC 0105 Introduction to Psychology (Fall 2020, Spring 2021)

This course will provide a general introduction to the field of psychology. The most central and important theories, concepts, findings, controversies, and applications in the following areas will be considered: biological bases of behavior, learning, perception, thinking, development, personality, psychological disorders, and social behavior. (Open to Juniors and Seniors by waiver only) 3 hrs lect./1 hr. disc. **SOC** *(Fall 2020: M. Collaer, K. Cronise, J. Sellers)*

PSYC 0201 Psychological Statistics (Fall 2020, Spring 2021)

This course will examine statistical methods used in the behavioral and biological sciences. Students will learn the logic underlying statistical analysis, focusing primarily on inferential techniques. They also will become familiar with the application and interpretation of statistics in psychological empirical research, including the use of computer software for conducting and interpreting statistical analyses. (PSYC 0105; Fall: open to psychology and neuroscience majors and undeclared majors, others by waiver; Spring: open to psychology and neuroscience majors; others by waiver. Not open to students who have taken MATH 0116 or ECON 0210) 3 hrs. lect./1.5 hr. lab **DED** *(Fall 2020: M. Dash, Z. Zhai)*

PSYC 0202 Research Methods in Psychology (Fall 2020, Spring 2021)

This course will provide students with an understanding of the research methodology used by psychologists. Students will learn to read psychological studies and other related research as informed consumers. Students will collect, analyze, and interpret data during lab assignments. They will also design an empirical study, review the related literature, and write a formal APA-style research proposal. (PSYC 0105 and PSYC 0201 or MATH 0116 or ECON 0210; not open to first-year students; open to psychology and neuroscience majors) 3 hrs. lect./1.5 hr. lab **CW**, **DED** *(Fall 2020: M. Kimble, M. McCauley)*

PSYC 0203 Social Psychology (Spring 2021)

Social psychology is the study of how social situations affect the thoughts, feelings, and behaviors of individuals. This course will provide an overview of social psychological theory and research findings, as well as reviewing the ways in which these findings are applied to the study of issues such as aggression, close relationships, prejudice, and altruism. Students will also learn about the research methods that social psychologists use to test their theories. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect. **SOC**

PSYC 0204 Personality Psychology (Fall 2020)

This course provides an overview of personality psychology. Several central theories of personality, including psychoanalytic, humanistic, cognitive, trait, behavioristic, and social learning, will be discussed. The course will also emphasize the connection between personality theory and personality research. (PSYC 0105, open to seniors by waiver only) 3 hrs. lect. **SOC** *(J. Sellers)*

PSYC 0205 Emotions (Fall 2020)

Emotions inform thoughtful decisions, but also prompt knee-jerk reactions that make us appear irrational at times. They inspire and dissuade us at both conscious and unconscious levels. They evolved to trigger self-protective responses, but their dark side fuels self-destructive behaviors as well. In this course we will discuss what emotions are, where they come from, how individual emotions differ, and whether or not everyone experiences emotions the same way. We will also explore how appreciating the complexities of emotions might improve emotion regulation and interpersonal dynamics. Topics to be considered will include biological, socio-cultural, clinical, and cognitive theories of emotion. (PSYC 105, open to seniors by waiver only; not open to students who have taken PSYC/NSCI 0437) 3 hrs. lect. **SOC** *(K. Cronise)*

PSYC 0209 Religion and Science: Mindfulness and Modern Psychology (Spring 2021)

Mindfulness meditation is now widely embraced as a way to enhance personal wellbeing. To better understand this ancient practice, we will explore its traditional Buddhist background alongside its application and study in modern psychology and neuroscience. We will first study mindfulness in its historical context and examine how a traditionally religious practice was adapted for modern individualistic and therapeutic purposes. We will learn basic neural and psychological foundations of emotion, cognition, social behavior, and psychological disorders and raise theoretical and methodological issues in the scientific study of mindfulness. As an experiential component, students will also receive meditation training throughout the semester. (Open to psychology, religion, and neuroscience majors) 3 hrs. lect./1 hr. disc.

Cross-listed as: RELI 0209 *

PSYC 0216 Adolescence (Spring 2021)

This course is designed to provide an overview of adolescent development, including the biological, cognitive, and social transitions of individuals during this period of life. Development also takes place in context, and we will pay particular attention to the role of family, peer group, school, work, and culture. Students will read research literature, as well as cases, in order to examine the central psychological issues of this developmental period, including identity, autonomy, intimacy, sexuality, and achievement. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect./1 hr. disc. **SOC**

PSYC 0224 Psychological Disorders (Fall 2020, Spring 2021)

What makes an individual “abnormal”? Under what circumstances do mental health professionals classify emotions, thoughts, or behaviors as “disordered”? In this course, we will explore these questions with attention to their historical, theoretical, ethical, and diagnostic implications. We will investigate various classes of disorders, like anxiety, mood, and psychotic disorders, with a focus on their causes and treatments. Throughout, we will aim to appreciate the complexities and uncertainties surrounding diagnosis, and to recognize and challenge common assumptions about psychological disorders. In addition to lecture, the course will include discussions of current and controversial topics, and occasional demonstrations, analysis of clinical case material, and/or role plays. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect./1 hr. disc. **SOC** *(Fall 2020: M. Kimble)*

PSYC 0225 Child Development (Fall 2020, Spring 2021)

In this course, we will examine the nature of developmental change from the prenatal period through middle childhood. Our critical examination of developmental processes will invite us to consider various theoretical perspectives (e.g., learning, cognitive, biological, contextual) across various domains of development (i.e., physical, social-emotional, and cognitive). We will address major themes in developmental psychology, such as the interrelatedness of development across domains, the contributions of nature and nurture, and the relative continuity versus discontinuity of developmental change. Throughout, we will practice applying developmental principles to practical settings, policy issues, and topics of current interest. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect. **SOC** *(Fall 2020: R. Moeller)*

PSYC 0226 Brain and Behavior (Spring 2021)

Activity within our brains provides the basis for our thoughts and behavior. Brain activity and behavior are dynamic processes subject to both temporary changes (e.g. emotional states, attention, sleep/wake cycles, and sensations) and lasting modifications (e.g. development, language, personality, memory, and therapeutic treatments). In this course, we will explore brain mechanisms that produce such complexity of behavior and examine the contributions of brain activity to psychological and neurodegenerative disorders. In the lab, we will develop our understanding of brain structure, probe our own brain activity, and investigate how chemical changes alter animal behavior in predictable ways. (PSYC 0105; open to psychology majors; others by waiver. Not open to students required to take NSCI 0252) 3 hrs. lect./3 hrs. lab. **SCI**

PSYC 0227 Cognitive Psychology (Fall 2020)

Questions about the nature of the mind, thinking, and knowledge have a long and rich history in the field of psychology. This course will examine the theoretical perspectives and empirically documented phenomena that inform our current understanding of cognition. Lectures, discussions, demonstrations, and experiments will form the basis for our explorations of cognition in this class. Topics to be considered include attention, perception, memory, knowledge, problem solving, and decision making. (PSYC 0105; PSYC 0201 and PSYC 0202 recommended; not open to first-year students; open to psychology and neuroscience majors; others by waiver. Not open to students who have taken PSYC 0305) 3 hrs. lect./1.5 hrs. lab. **SCI** *(J. Arndt)*

Cross-listed as: NSCI 0227

PSYC 0303 Sensation and Perception (Spring 2021)

Remarkably, using just five basic senses, our brains translate simple external stimuli (e.g. light and sound waves) into unique and vivid perceptual experiences enabling us to interact with our surrounding physical reality. Focusing primarily on the underlying mechanisms of vision and audition, we will explore how our brains construct detailed representations of our world. Throughout these explorations, we will identify perceptual limitations and investigate how mental processes such as attention and emotion affect our perceptions. We will review recent scientific articles and conduct experiments. (PSYC 0105 or any BIOL course; not open to first year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect./1 hr. disc. **SCI**

Cross-listed as: NSCI 0303

PSYC 0317 Biobehavioral Addiction (Spring 2021)

Addiction is a pervasive disorder affecting society on a global scale. To understand this complex disorder, addictions are studied from the basic neural mechanisms, such as how neurons respond to addictive substances, to psychological factors and how they protect or increase risk. In this course we will examine the principles of substance addictions, emerging behavioral addictions (internet/gaming, problem-gambling), and underlying mechanisms that drive addiction. Topics include neural pathways of addictive substances, brain functional and structural changes, theories of motivation, neuropsychological risk factors, and modern prevention and treatment. Psychology and neuroscience students will bring their relative expertise to the class for thoughtful review of the literature.(PSYC 0105; not open to first year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect. **SCI**

Cross-listed as: NSCI 0317

PSYC 0320 Social and Emotional Development (Fall 2020)

In this course students will explore current research and theory on the interrelated domains of social and emotional development from infancy through adulthood. Families and peers serve as the primary relationships for children’s and adolescents’ socialization, and relationships will be explored to further understand how they influence emotion regulation, adaptation to stressful life events, and intrapersonal conflicts. Emphasis will be placed on the role of context and culture in the formation of social and emotional competencies and experiences. We will explore the theory and practice of Social Emotional Learning (SEL) curricula to enhance individuals’ social and emotional skills. (PSYC 0105; PSYC 0216 or PSYC 0225; not open to first-year students; open to Psychology majors, others by waiver). 3 hrs. lect./1.5 hrs lab. **SOC** *(R. Moeller)*

PSYC 0333 Environmental Psychology (Fall 2020)

This course will provide an introduction to environmental psychology. We will discuss the relevance of psychology to understanding and addressing environmental problems as well as the potential for the natural environment to serve as a protective factor in our own psychological health. In particular, we will focus on using psychological theory to encourage conservation behavior. We will strive to understand not only the relevant psychological theories and empirical findings, but also the practical implications of the research. (ENVS 0112, or ENVS 0211, or ENVS 0215, or PSYC 0105 or by approval) 3 hrs. lect. **SOC** *(M. McCauley)*

PSYC 0350 Directed Research in Psychology (Fall 2020, Spring 2021)

Directed research provides opportunities for advanced students to become familiar with and participate in ongoing research projects under the direction of a faculty member. The student will first read background literature on the content area to be investigated and experimental methodologies to be used. Procedures involved in conducting psychological research will then be learned through firsthand experience. Potential activities include the design of research and the defining of conceptual variables and the gathering, analyzing, and interpretation of data. Finally, students will learn how to write technical articles in psychology by preparing a paper describing the project, using APA style. (Approval required; not open to first-year students) 3 hrs. lect. *(Fall 2020: J. Arndt, M. Collaer, K. Cronise, M. Seehuus, S. Gurland, B. Hofer, M. Kimble, C. Parker, M. McCauley, M. Dash, C. Velez, R. Moeller, A. DiBianca Fasoli, J. Sellers; Spring 2021: J. Arndt, M. Collaer, K. Cronise, M. Seehuus, S. Gurland, B. Hofer, M. Kimble, A. DiBianca Fasoli, M. McCauley, M. Dash, C. Velez, R. Moeller, C. Parker, Z. Zhai)*

PSYC 0418 Psychobiology and Sex Differences: Perils, Problems, and Contributions (Fall 2020)

Men and women differ reproductively, in hormonal patterns, in average height, and in muscle mass. Biology is accepted as contributing to these differences. Do biological contributions stop at the neck? Or might biology also contribute to neural and behavioral development in human as well as nonhuman species? We will examine evidence both for and against a potential role for psychobiological factors, such as hormones and chromosomes, in behavior and psychological states. These may include play behavior, cognition, sexual orientation, pain perception, addiction tendencies, and vulnerability to psychological disorders. We will also explore potential contributions of social and experiential factors because these may provide alternative, sometimes stronger, explanations, and because of potent reciprocal interrelationships between them. (PSYC 0105 and PSYC 0201; Open to junior and senior neuroscience and psychology majors only, others by waiver) 3 hrs. sem. *(M. Collaer)*

Cross-listed as: NSCI 0418

PSYC 0423 Nature, Technology, and the Self (Fall 2020)

Modern humans are entangled in the intersection of three domains: the natural world, digital technology, and our psychological sense of "self." How does each domain affect the other? Are these effects positive or negative? In this seminar we draw on recent research examining how nature, and social media/ internet usage impact us cognitively, neurologically, socially, and emotionally. Further, we explore how digital devices can inhibit or facilitate engagement with the natural world, combining critical inquiry with experiential methods such as digital detox, forest bathing, self-observation, nature apps, and citizen science. (Open to psychology majors only, others by waiver). 3 hrs sem **SOC**

PSYC 0430 Memory: A User's Guide (Spring 2021)

How can I remember names better? How can I best study for an exam? How accurate are our memories? A deep understanding of how people remember will allow us to answer these and many other questions. Topics covered in this course include working memory, the nature of encoding and retrieval, applied aspects of remembering, and neuroscientific approaches to understanding memory. Readings will be a mixture of textbook and journal articles. The class will have a seminar format, with emphasis on student-led discussions and contributions. Additionally, student research groups will design and execute a research study examining human memory. Evaluations will be based on the research project, student-led discussions, and reaction papers. (PSYC 0201 or ECON 0210 or MATH 0116 or BIOL 0211; open to junior and senior psychology and neuroscience majors only) 3 hrs. sem.

Cross-listed as: NSCI 0430

PSYC 0500 Advanced Research (Fall 2020, Spring 2021)

A program of research arranged to meet the needs of advanced students majoring in psychology. (Approval required)

PSYC 0700 Senior Research (Fall 2020, Spring 2021)

A program of research arranged to meet the needs of advanced senior majors in psychology. (PSYC 0201 and PSYC 0202; Approval required)

PSYC 0701 Senior Thesis Proposal (Fall 2020, Spring 2021)

Students hoping to be considered as candidates for departmental honors must enroll in PSYC 0701 under the sponsorship of a department faculty member and submit a formal, written research proposal to the department by 5 p.m. on the Wednesday during the final week of fall classes in their senior year. If the proposal is approved, the student will enroll in PSYC 0702 during the winter term and PSYC 0703 during the spring term of their senior year. (Feb graduates should consult with their advisors about the appropriate semester in which to begin a thesis.) (PSYC 0201 and PSYC 0202; Approval required)

PSYC 0702 Senior Thesis Second Semester (Fall 2020, Spring 2021)

Students whose honors thesis proposal (PSYC 0701) has been approved will collect, analyze, and interpret their data. This is the second semester of the 3-semester senior thesis. (PSYC 0201, PSYC 0202, and PSYC 0701; Approval required)

PSYC 0703 Senior Thesis (Fall 2020, Spring 2021)

Senior Thesis*
This is the third and final semester of the senior thesis. Students will finish analyzing, and interpreting their data. This process culminates in a written thesis to be submitted by 4 p.m. on the Monday BEFORE the final week of spring classes, a presentation, and an oral defense. The decision about awarding departmental honors will be made after the student submits the thesis. (PSYC 0201, PSYC 0202, and PSYC 0702; Approval required)

↑ Top

Department of Religion

Requirements for the major (11 courses): The Religion major allows students to concentrate in a variety of sub-fields within the larger field of the study of religion. These sub-fields can be based on traditions, geographical areas, or themes.

- While the plausibility of concentrating in a given sub-field depends on the availability of expert faculty members therein, the department currently offers the following concentrations: **traditions,** such as Buddhism, Christianity, Hinduism, Islam, and Judaism.; **geographical areas**, such as South Asia, East Asia, and the Americas; and **themes**, such as mysticism, ethics, and sacred texts. Students are encouraged to consult with faculty members to explore other options or combinations thereof.

The major will consist of at least **eleven** courses, including no more than one winter term course, distributed as follows:

- **A primary concentration of five** courses**:** a four course concentration in a specific sub-field plus a **senior** project or thesis, RELI 0700, RELI 0701, related to that sub-field. The courses must include a **0100** level course and a **0300** level **seminar** that focus in that concentration.
- **RELI 0400**, Seminar on the Study of Religion
- A **distribution** of **five** other courses elected by the student in close consultation with his/her adviser, subject to the following provisions:

(1) Majors must make sure that they have had exposure to a variety of different religious **traditions** (for example, Asian and Western) as well as a variety of **methodological** approaches to the study of religion (for example, historical, sociological, anthropological, or philosophical).

(2) Majors must take at least one 0300 **seminar outside** their primary sub-field of concentration within the religion department.

Important note: Students should consult closely with faculty advisors to determine which courses in the department satisfy a given concentration. The chair of the department, in consultation with the student's advisor, will determine how transfer credits and courses taken during study abroad will be applied toward departmental requirements.

Joint major: *Please note*: the chair of the department must approve each joint major proposal. For the Religion component of a joint major, a student will complete **seven** courses:

- A **primary concentration** of **four** courses in one sub-field plus a **senior** project or thesis related to that sub-field as well **as the other major**. These courses will include a 0100-level course and a 0300-level seminar that focus in that **concentration**.
- **RELI 0400.** Seminar on the Study of Religion
- **Two elective**s, chosen to ensure exposure to a variety of different religious **traditions** (for example, Asian and Western) as well as a variety of **methodological** approaches to

the study of religion (for example, historical, sociological, anthropological or philosophical).

In addition, the student will complete a s**enior p**roject or thesis, RELI 0700, RELI 0701, utilizing the expertise of both majors.

Religion Minor: The Religion minor will consist of at least **five** courses, **three** of which will focus in a single **concentration**. One of the courses in the focus must be a **seminar** at the 0300-level or above.

The Minor in Jewish Studies: Refer to Jewish Studies for description.

The Minor in Hebrew*:* Refer to Hebrew for description**.**

Departmental Honors: Graduation with departmental honors requires at least a B+ in courses counted toward the major. Students who meet this threshold and receive an A- or A on their senior project will be awarded Honors. Students who meet the course grade threshold and write a thesis will be eligible for Honors if the thesis grade is at least a B+, and High Honors if the thesis grade is an A- or A. Highest Honors will be reserved for students who earn at least an A- in courses counted toward the major and an A on the thesis.

RELI 0100 Introduction to Religion (Spring 2021)

Why is religion a significant element in human life and affairs? What roles does religion play in the lives of individuals and communities? And what is religion anyway? Drawing on Western and Asian traditions, we will take a comparative approach to these questions, examining how religious traditions can differ and converge. Throughout the course, we will introduce the basic vocabulary and analytical tools of the academic study of religion. We will also consider how both scholars and practitioners make sense of religion and debate its role in societies past and present. 3 hrs. lect./disc **CMP**, **PHL**

RELI 0121 Buddhist Traditions in India (Fall 2020)

An introduction to the development of Indian Buddhist thought, practice, and institutions. The course will begin with an examination of the life of the Buddha and the formation of the early tradition. It will then explore developments from early Nikaya Buddhism, through the rise of the Mahayana, and culminating in Tantric Buddhism. Attention will be given throughout to parallel evolutions of doctrine, practice, and the path to Nirvana. 3 hrs. lect./disc. **AAL**, **PHL**, **SOA** *(W. Waldron)*

RELI 0123 The Buddhist Tradition in East Asia (Spring 2021)

An introduction to the development of Buddhism within the East Asian cultural sphere of China, Korea, and Japan. We will consider continuities of thought, institution, and practice with the Indian Buddhist tradition as well as East Asian innovations, particularly the rise of the Chan/Zen and Pure Land schools. (Follows RELI 0121 but may be taken independently) 3 hrs. lect./disc. **AAL**, **NOA**, **PHL**

RELI 0130 The Global Christian Tradition (Fall 2020)

In this course we will study the historical development and current presence of Christianity in various regions of the world. Beginning with its origins in the Middle East, we will trace the growth and evolution of this complex tradition in the Mediterranean, Africa, western Europe, the Americas, and East Asia. Along the way, we will encounter important Christian thinkers, discover different schools of belief and practice, and focus on foundational theological themes, like the divinity of Christ, the function and authority of the church, Christian-Jewish relations, and religious perspectives on gender, race, politics, and modernity. 3 hrs. lect./disc. **CMP**, **HIS**, **PHL** *(J. Davis)*

RELI 0140 Hindu Traditions of India (Fall 2020)

In this course we will identify and examine key themes and issues in the study of Hindu religious traditions in India, beginning with the defining of the terms Hinduism, religions, and religious. We will primarily focus on the ways Hindu religious traditions—texts, narratives, and practices—are performed, received, and experienced in India. Essential aspects of Hindu religious traditions will be examined, including: key concepts (darsan, dharma, karma and caste), key texts (the Bhagavad Gita and the Ramayana), and major religious deities (Shiva, Devi and Vishnu). The course will also cover contemporary Hindu-Muslim encounters, and the emerging shape of Hinduism in the American diaspora. 3 hrs. lect./disc. **AAL**, **PHL**, **SOA** *(J. Ortegren)*

RELI 0150 The Islamic Traditions (Fall 2020)

What is Islam? Is it a religion, a way of life, a civilization, or a political ideology? Was Muhammad a political leader, a warrior, or an ascetic? What is the Qur’an? How did it develop as a sacred text and how does it compare to the Bible? This course is designed to provide a platform for us to explore such questions by focusing on historical, social, and intellectual developments in the wide swath of land known as the Muslim world. Special attention will be given to early developments of the Islamic community as well as the later response of different Muslim communities to modernity. 3 hrs. lect./disc **AAL**, **MDE**, **PHL** *(A. Anzali)*

RELI 0201 Religion and Violence (Spring 2021)

“Religion and violence” exists at the knotty intersection between politics, identity, and culture. A critical understanding of how and why religion has been employed to explain or justify violence is essential to becoming a responsible citizen of the world. In this course we will explore the complex relationship between religion, political economy, and violence from a global perspective. Our goal will be to deconstruct popular preconceptions of religion and violence, locate the variety of social structures that induce violence, and to develop a critical apparatus for understanding what is at stake when religion and violence intersect. 3 hrs. lect./1 hr. disc **AMR**, **CMP**, **PHL**, **SOC**

RELI 0209 Religion and Science: Mindfulness and Modern Psychology (Spring 2021)

Mindfulness meditation is now widely embraced as a way to enhance personal wellbeing. To better understand this ancient practice, we will explore its traditional Buddhist background alongside its application and study in modern psychology and neuroscience. We will first study mindfulness in its historical context and examine how a traditionally religious practice was adapted for modern individualistic and therapeutic purposes. We will learn basic neural and psychological foundations of emotion, cognition, social behavior, and psychological disorders and raise theoretical and methodological issues in the scientific study of mindfulness. As an experiential component, students will also receive meditation training throughout the semester. (Open to psychology, religion, and neuroscience majors) 3 hrs. lect./1 hr. disc.

Cross-listed as: PSYC 0209

RELI 0225 Chinese Religions (Fall 2020)

An introduction to the rich religious history of China, with an emphasis on primary sources. Topics will include: the ideas and practices of ancient China, the teachings of Confucius and early Taoist (Daoist) thinkers, the introduction of Buddhism to China and its adaptation to Chinese culture, the complex interaction of Buddhism with the Confucian and Taoist traditions, the role of the state in religion, the "popular" Chinese religion of local gods and festivals, and the religious scene in modern Taiwan and mainland China. 3 hrs. lect. **AAL**, **NOA**, **PHL** *(E. Morrison)*

RELI 0227 Religion, Music, and the Search for Meaning (Fall 2020)

In this course we will explore the complex and fascinating relationship between religious ideas and artistic creativity. Our focus will be on how religion is represented in music and literature, both globally and historically. We will begin our exploration in Ancient Egypt in the Third Millennium BC and progress into the 21st Century. Among the themes we will examine are 'ultimate questions' such as the origins of creation , the search for immortality, and the meaning of life. We anticipate that students will be encouraged to respond creatively – in musical or literary ways (or a combination of both) – to these explorations. 3 hrs. lect. **ART**, **CMP**, **PHL** *(S. Goldman)*

Cross-listed as: MUSC 0227

RELI 0228 Japanese Religions (Spring 2021)

We will begin our study of Japanese religions with the ancient mythology that forms the basis of Shinto (the way of the kami, or gods). We will then consider the introduction of Buddhism, Confucianism, and Daoism to Japan and examine how these traditions were accepted, absorbed, and adapted. We will also investigate Japanese reactions to Christianity in the 16th century and the appearance of "new" Japanese religions starting in the 19th century. Throughout, we will ask how and why Japanese have both adhered to tradition and been open to new religions. (Seniors by waiver) 3 hrs. lect./disc. **AAL**, **NOA**, **PHL**

Cross-listed as: JAPN 0228

RELI 0238 Literature and the Mystical Experience (Fall 2020)

In this course we will explore how narrative art articulates spiritual perception by examining selected works of 20th century writers such as Miguel De Unamuno, Nikos Kazantzakis, J. D. Salinger, Charles Williams, Flannery O'Connor, Thomas Merton, Alice Munroe, Marilynne Robinson, and Annie Dillard. Drawing on theology and philosophy as an interpretative mode, we will consider the following questions: How does literature illuminate selfhood and interiority? How do contemplation and ascetic practice guide the self to divine knowledge and cosmic unification? How do language, imagery and symbols shape the unitive experience as a tool for empathy and understanding of the other? 3 hrs. lect./1 hr. disc. **AMR**, **LIT**, **NOR**, **PHL** *(M. Hatjigeorgiou)*

Cross-listed as: CMLT 0238

RELI 0252 Islam in America (Spring 2021)

In this course we will briefly consider the historical origins of Islam, its development, and essential teachings. Then we will shift our focus to the trans-Atlantic slave trade and the earliest Muslims who set foot on American soil as slaves. We will then examine the fascinating role the African American community played in the spread of Islam during the twentieth century. Finally, we will examine issues of immigration, identity, gender, ethnicity, generational divide, discussing the constantly changing nature of how Islam is imagined in America both by the general public and Muslim Americans. (not open to students who have taken RELI 1032) 3 hrs. lect. **AMR**, **HIS**, **NOR**, **PHL**

RELI 0254 Islam and Hinduism in South Asia (Spring 2021)

Islam has played a significant role in shaping the culture and politics of South Asia, from the seventh century to the present. In this course we will consider the historical, socio-cultural, religious, and political impact of Islam in South Asia. We will begin with the introduction of Islam into the South Asian landscape, covering a range of historical moments, including the Delhi Sultanate, the rise of Mughal rule, colonial interactions, and the development of new nation states. We will then examine Islam as it is lived, practiced, and experienced in contemporary South Asia, focusing on themes such as mysticism and sainthood; issues of gender; and Hindu-Muslim encounters. 3 hrs. lect./disc. **AAL**, **HIS**, **PHL**

RELI 0273 Religion and Capitalism (Fall 2020)

Joseph Schumpeter described capitalism as animated by a perennial gale of creative destruction. While he was referring to its capacity to create and destroy industries, capitalism has had the same effect on social worlds. From those tumultuous worlds, a diverse array of religious practices, beliefs, and sentiments have likewise flourished and decayed. This course explores the relationship between global capitalism and religion in the modern period. Anchored in a comparison between Brazil and the United States, we will explore how religious traditions have encountered the world transformed by capitalism as well as the religious dimensions of capitalism itself. 3 hours lect./disc. **AAL**, **AMR**, **CMP**, **PHL**, **SOC** *(J. Doran)*

RELI 0293 Ethics in Health Care (Spring 2021)

This course is an introduction to the principles, virtues, and other moral norms that guide decision-making in health care. We will focus on moral values accepted by Protestant, Catholic, Jewish, and humanistic traditions, and embedded in a liberal, pluralistic society. Popular films and numerous case studies will provide students an opportunity to develop skills in moral reasoning, in conversation with these intellectual traditions. The health care issues we will consider include expectations for patient-physician relationships, research on human subjects, euthanasia and assisted suicide, abortion, assisted reproduction, genetic information, and access to health care resources. 3 hrs. lect./disc. **AMR**, **NOR**, **PHL**

RELI 0320 Seminar in Buddhist Philosophy: Yogacara Depth Psychology and Philosophy of Mind (Spring 2021)

In this seminar we will survey the basic ideas of Yogacara Buddhism (4-6th c. CE), one of two major schools of Indian Buddhism, in relation to cognitive science and philosophy of mind. We will examine these ideas historically, philosophically and comparatively. We focus on the Yogacara analyses of the largely unconscious 'construction of reality' and its systematic deconstruction through forms of analytic meditation. We will read primary and secondary texts on Indian Buddhism and texts espousing similar ideas in modern philosophy and the social and cognitive sciences. (one PHIL course or RELI 0120, RELI 0121, RELI 0122, or RELI 209) 3 hrs. sem. **AAL**, **CMP**, **PHL**

Cross-listed as: PHIL 0320

RELI 0332 The Ten Commandments (Fall 2020)

After a grounding in the narratives of Genesis and Exodus (and an examination of those books' understanding of the Law) we will move on to study the two versions of the Commandments—one in Exodus and one in Deuteronomy. We will then proceed to the history of interpretation of the Commandments, both as a unit unto themselves and as part of the general system of biblical law. Special attention will be paid to the differences between Rabbinic Judaism's understanding of the Decalogue (as the commandments are also known) and the various Christian understandings of the Ten Commandments. We will also look at expressions of the Decalogue in Islamic scripture and tradition. (formerly RELI 0132) 3 hrs. lect. **AAL**, **MDE**, **PHL** *(S. Goldman)*

RELI 0359 Fundamentalism and Religion (Spring 2021)

What is fundamentalism and why is it in the news so much? Is it inherently linked to intolerance, radicalism, violence, and an apocalyptic mood? We will begin by examining the historical development of fundamentalism in the early 20th century, paying special attention to its ongoing symbiotic relationship with modernism and secularism. Though we will focus more on Islamic fundamentalism in the Middle East, we will also examine Jewish and Christian fundamentalisms, and other regions of the world, discussing all with a comparative approach. We will see whether or not we can find common psychological, socio-economic, and/or religious patterns that can help us understand the rise of fundamentalism in the contemporary world. 3 hrs. lect **CMP**, **PHL**

RELI 0373 Possessions: Theories of Power in American Religion (Spring 2021)

Upon reading Faust, Karl Marx concluded that Goethe's wisdom was simple: "the extent of the power of money is the extent of my power." Or, in other words: money represents the power to possess a thing and, in possessing it, to wield that thing's power. Despite this connection made at the roots of Western theories of power, we do not typically regard our possession of private property as akin to the Devil's possession of human bodies. In this seminar we will explore the rich and troubling overlaps between private property, demonic possessions, mediumship, and power in the Americas. 3 hrs. sem. **AMR**, **NOR**, **PHL**

RELI 0384 Women, Religion, and Ethnography (Fall 2020)

In this course we will focus on ethnographic scholarship regarding women in various religious traditions. We will begin with questions of feminist ethnography as proposed by Lila Abu-Lughod and then read a range of ethnographies focusing on women in different contexts, including a female Muslim healer in South India, Kalasha women in Pakistan, Bedouin Muslim women in Egypt, and Catholic nuns in Mexico. We will focus on how gendered and religious identities are constructed and intertwined, and what ethnography contributes to the study of both religion and gender. A prior course in Religion, Anthropology, or Gender, Sexuality, and Feminist Studies is recommended. 3 hrs. sem. *(National/Transnational Feminisms)* **AAL**, **CMP**, **PHL** *(J. Ortegren)*

Cross-listed as: GSFS 0384

RELI 0388 The Book of Job and the Problem of Evil (Spring 2021)

Why do the innocent suffer? The Book of Job asked this question millennia ago, giving not an explicit answer, but at least a response. Framed by a prose tale on the patient Job, the book is mainly a debate in poetry between an impatient Job and his “friends” that has continued to our day, in Jewish, Christian, and Islamic thought, and in philosophy. We will study the debate on the meaning of Job in philosophy and religion through the works of Maimonides, Kant, Hume, Voltaire, William Blake, Jung, and others. Familiarity with Biblical studies or philosophy of religion is helpful, but not required. 3 hrs. sem. **PHL**

Cross-listed as: JWST 0388

RELI 0396 War, Peace, and Christian America (Spring 2021)

Many Christians have argued that war is morally justifiable in certain circumstances, while others have maintained that killing of any kind, even in the name of the state, is wrong. In this seminar we will examine the theological roots of pacifist, just-war, and crusader perspectives, and then consider how Christian interpretations of political violence have been used to support or dissent from American armed conflicts, from the Revolutionary War to the War in Iraq. Throughout the course, we will ask how American views on war have been shaped by the persistent interpretation of the U.S. as a “Christian nation.” (RELI 0130 or RELI 0190 or RELI 0230) 3 hrs. sem. **HIS**, **PHL**

RELI 0400 Understanding Religion: Foundational Theories and Methods (Fall 2020)

In this seminar we will examine the genesis of the academic study of religion in the modern world by reading seminal texts of such founding thinkers as: Durkheim, Weber, James, Freud, Jung, and Eliade. We will analyze these and more recent theories and methods in the sociological, psychological, and comparative study of religion, discerning their assumptions and implications, strengths and weaknesses, and utilizing them in focused written assignments. We end with the study of text-critical methods, interpreting the Garden of Eden story from multiple perspectives. Open to juniors and seniors who have had two religion courses or by waiver. 3 hrs. sem. *(W. Waldron)*

RELI 0500 Independent Research (Fall 2020, Spring 2021)

(Approval Required)

RELI 0700 Senior Project (Fall 2020, Spring 2021)

(Approval Required)

RELI 0701 Senior Research for Honors Candidates (Fall 2020, Spring 2021)

Approval required

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Department of Russian

Major Requirements: Normally, majors must complete second-year Russian, RUSS 0122, RUSS 0151, four other courses, including at least one mainstream course in Russia, and a senior seminar. (HIST 0247 and HIST 0248 may be substituted for RUSS 0122.) Each student's program is planned individually with the department chair. Students planning careers in government, business, or law are advised to consider a major in the Russian and East European studies track of the International and Global Studies program. Russian majors also frequently combine their language study with a minor in economics, geography, history, or political science, or do a joint or double major with one of these subjects. Majors planning teaching careers should study a second language, preferably through at least the third-year level, and should consult members of the education studies faculty regarding certification.

Departmental Honors: Majors with a B+ average in Russian courses and a B average overall are encouraged to prepare an honors thesis, the final copy of which is due April 20 of the year of graduation. Departmental honors are determined by a combination of thesis grade and grade point average in courses taken in the Russian Department, the Russian School and Middlebury's programs in Russia. Highest honors will be awarded for a GPA of 3.75 plus A on the thesis; high honors will be awarded for a GPA of 3.5 and A- or better on the thesis, and honors will be awarded for a GPA of 3.35 and a grade of B+ or better on the thesis.

Minors: The Russian department offers two minor programs: The Russian language minor includes RUSS 0101, RUSS 0103, RUSS 0201, RUSS 0202, RUSS 0311 and RUSS 0312. The Russian literature and culture minor includes any two of RUSS 0122, RUSS 0151, RUSS 0152, and three additional content courses in the Russian department (RUSS/FMMC0245, RUSS0217, RUSS0241, RUSS 0351, RUSS 0352, RUSS 0354, and RUSS/ENAM 0359, or other appropriate courses pending approval of the chair). A first-year seminar may, on occasion, be substituted for one of these courses.

Junior Year in Russia: All majors and language minors are encouraged to study for a year in Russia. Middlebury's programs at Irkutsk State University, Russian State University for the Humanities in Moscow, and Yaroslavl State Pedagogical University are open to juniors who have completed 0300-level Russian. Students in Moscow may also enroll in courses at the Shchukin Theater Institute and the Higher School of Economics. Students are strongly encouraged to spend a summer in the Kathryn Wasserman Davis School of Russian on the Middlebury College campus before studying abroad in Russia. Students who have completed only 0200-level Russian must spend the fall semester at Yaroslavl. In their first semester, all students will take conversation, composition, and culture/civilization courses organized exclusively for our students; students who have completed third-year-level Russian will also take one mainstream course with Russian students, selected from the full university curriculum. In the second semester, students who have not yet taken a mainstream course will take one, and students who have already taken one will take two or more, in addition to the courses organized for Middlebury. Majors are expected to take at least one mainstream course while in Russia. Students unable to attend for a full year may study in Russia for one semester, preferably in the fall. The following courses are among those offered at our programs in Russia in recent years. While we cannot guarantee that each of these courses will be available on a regular basis, they are representative of the kinds of offerings students may expect:

In Irkutsk:
Russian Literature of the Nineteenth Century

Language of the Mass Media
Scientific Texts
History of Russia 1917-1970 Through Film
Siberian Culture and Ethnic Groups

In Moscow:
Russian Folklore
History of Economics
Nationalities and Contemporary Political Problems
The Language of Russian Business
Russian Civilization and Culture: Art, Architecture, and Music
Stage Speech (at the Shchukin Theater Institute)
Strategies against Corruption (at the Higher School of Economics)

In Yaroslavl:
History of Russia, Tenth - Seventeenth Centuries
Modern Russian History and Contemporary Politics
Readings in Russian Literature
Russian Prose Translation
Russian Civilization and Culture: Art, Architecture, and Music

RUSS 0101 Beginning Russian (Fall 2020)

This course is an approach to the language using four skills (speaking, listening, reading, and writing). It provides a firm control of the sound system and the structure of Russian. Although much emphasis is put on the spoken colloquial language, reading, writing, and a conscious understanding of the fundamentals of grammar prepare a strong foundation for work in advanced courses or for reading in specialized fields. 3 hrs. lect./3 hrs. drill. **LNG** *(T. Portice, V. Juharyan)*

RUSS 0103 Beginning Russian (Spring 2021)

This course is a continuation of the approach used in RUSS 0102, but with increased emphasis on reading. (RUSS 0102) 3 hrs. lect./3 hrs. drill. **LNG**

RUSS 0122 The Russian Mind (in English) (Spring 2021)

In this course we will study the dominant themes of Russia's past and their role in shaping the present-day Russian mind. Topics will include: Slavic mythology; Russian Orthodoxy; Russian icons; the concept of autocracy; the legacy of Peter the Great and Catherine the Great; the Golden Age of Russian Literature (Pushkin, Gogol, Tolstoy and Dostoevsky); Russian composers, including the "Mighty Five"; Russian theater and ballet; the origins of Russian radicalism; the Russian Revolution; the legacy of Lenin and Stalin; and Russia from Khrushchev to Putin. 3 hrs. lect. **AAL**, **HIS**, **LIT**, **NOA**

RUSS 0151 Russian Literature's Golden Age: 1830-1880 (in English) (Fall 2020)

Duels, ghosts, utopias, murders, prostitution, and adultery- these are the raw materials Russian authors turned into some of the world's greatest literature. This course is an introduction to Russian literature of the 19th century, from the short stories of Pushkin and Gogol to the great novels of Dostoevsky and Tolstoy. The centrality of literature in Russian society and the interrelations among the authors and texts will be discussed. How do the authors combine reality, fantasy, and philosophy to make these works both uniquely Russian and universal? 3 hrs. lect. **EUR**, **LIT** *(T. Portice)*

RUSS 0201 Intermediate Russian (Fall 2020)

Systematic review of grammar and development of the spoken and written skills attained in Beginning Russian. (RUSS 0103 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(K. Moss)*

RUSS 0202 Intermediate Russian (Spring 2021)

Continuation of the approach used in RUSS 0201. Reading of contemporary Russian texts, conversation, and written assignments in Russian based on reading assignments. (RUSS 0201 or equivalent) 3 hrs. lect./3 hrs. drill **LNG**

RUSS 0217 The Idea of Revolution: Aesthetics, Politics and the Avant-Garde in Early Soviet Culture (Fall 2020)

In this course we will explore intersections between aesthetics and politics in the context of one of the great upheavals of the twentieth century, the Russian Revolution of 1917 and the rise of the Soviet Union. How might art represent a revolutionary politics, and in what ways might it betray it? What does Communism mean for artistic production? We will consider these and other questions across different media, including literature, cinema, and the plastic arts. We will discuss works by Mayakovsky, Malevich, Babel, Zamiatin, Tatlin, Eisenstein, Vertov, Olesha, Platonov, and others. Taught in English. 3 hrs. lect. **AAL**, **ART**, **CW**, **LIT**, **NOA** *(M. Walker)*

RUSS 0311 Russian Culture and Civilization I (Fall 2020)

This course offers a bilingual approach to the study of Russian culture from its origins to the mid-nineteenth century. Works of literature, art, and music will be examined in their historical context. Particular emphasis will be devoted to the improvement of oral and written skills. (RUSS 0202 or equivalent) (formerly RUSS 0411) 3 hrs. lect **EUR**, **LIT**, **LNG** *(V. Juharyan)*

RUSS 0312 Russian Culture and Civilization II (Spring 2021)

This course is a continuation of RUSS 0311 but may be taken independently with the approval of the instructor. It offers a bilingual approach to the study of Russian culture from the second half of the nineteenth century to the present. Works of literature, art, and music will be examined in their historical and political context. Particular attention will be devoted to the improvement of oral and written skills. (RUSS 0202 or by permission) 3 hrs. lect. **EUR**, **LIT**, **LNG**

RUSS 0352 Tolstoy (in English) (Spring 2021)

In this course we will focus on major works by literary giant Leo Tolstoy. Students will be introduced to his epic range, philosophical depth, and psychological acuteness. Readings encompass early short fiction including selected *Sevastopol Tales*, *Three Deaths*, and *Family Happiness*; in-depth analysis of his masterpiece *Anna Karenina*; and several late, post-conversion works including *The Death of Ivan Ilych*, *The Kreutzer Sonata*, and *Master and Man*. Excerpts from Tolstoy's memoirs, diaries, and letters. No knowledge of Russian required. 3 hrs. lect. **EUR**, **LIT**

RUSS 0355 Gogol and Romantic Melancholy (Spring 2021)

In this course we will explore the corpus of one of the canonical figures of nineteenth-century Russian literature, Nikolai Gogol, and situate him within a broader tradition of romantic melancholy in Western, and later, Russian culture (e.g. writers such as Poe, Baudelaire, Benjamin, Dostoevsky, Platonov, filmmakers such as Tarkovsky and Zviagintsev). How does one describe a world where formerly familiar pathways to transcendence have been left in ruins by modernity? Can this loss be remedied in art, or only repeated? Twice weekly discussions of materials in English, though students are encouraged to engage with the original texts. 3 hrs. lect. **EUR**, **LIT**

RUSS 0500 Advanced Studies in Language and Literature (Fall 2020, Spring 2021)

Supervised individual study for highly qualified students. (Approval required)

RUSS 0700 Senior Independent Study (Fall 2020, Spring 2021)

(Approval required) *(Fall 2020: T. Portice, T. Smorodinska, M. Walker, T. Beyer; Spring 2021: T. Portice, M. Walker, T. Smorodinska)*

RUSS 0704 Senior Seminar (in Russian) (Fall 2020)

This seminar topic changes every year. Recent seminar titles have included *Research, Recast, Relay*, *The History of Russian Poetry*, and *Russian Drama*. This course will provide students with the skills to identify and utilize Russian sources, provide professional quality written summaries and analyses, make oral presentations in Russian, and produce a substantial written assignment and project. (Senior Majors) 3 hrs. sem. *(M. Walker)*

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Department of Sociology

Required for the Major: A minimum of 10 courses will constitute the major. All Sociology majors will complete SOCI 0105, SOCI 0301, SOCI 0305, and a 400-level seminar. In addition, majors will take six electives, with at least two at the 300-level. At least eight of these courses (and all of the core courses listed) must be fall and spring courses taught at Middlebury (e.g., not winter term courses or transfer credits).

Required for a Joint Major: A joint major consists of seven courses: SOCI 0105, SOCI 0301, SOCI 0305, a 400-level senior seminar in Sociology, and three electives. No more than one elective may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a winter term course or transfer credit). Any departures from this program must be approved by the department chair.

Required for a Minor: The minor consists of five courses: SOCI 0105 and four electives. All courses must be taken at Middlebury (e.g., no transfer credits or internships), with no more than one winter term course.

Optional Senior Project in Sociology: To be eligible for departmental honors, students must complete an independent research project of at least one semester. This typically consists of either a one-semester senior project (SOCI 0700, one credit, usually 25-40 pages) or a two-semester senior project (SOCI 0710, two credits, usually 60-100 pages). Students who wish to work on a project for more than one semester must present their progress for review by two professors who will decide whether the project qualifies for extended study. A one-semester project can be either in the fall or spring semesters; a two-semester project is usually in the fall and winter semesters or in the winter and spring semesters. Variation from these patterns is possible by permission from the department. Senior project requirements for joint majors and other special circumstances will be approved in consultation with both departments.

A SOCI 0700 project requires a project advisor. If the advisor thinks that the project may deserve an A- or A, a second reader must evaluate the project. A SOCI 0710 project requires a committee including the project advisor and a second reader from within the Sociology department. It may also include an optional, third reader from another part of the College or the local community. Upon completion of the SOCI 0710 project, there will be an oral defense.

Departmental Honors: Students who earn an A- or higher on a 0700 or 0710 project and average an A- or higher in all Sociology courses receive departmental honors.

Current majors and minors who declared under the present system would continue to operate under this system. They would, however, have the option of choosing to shift to the new set of requirements and degrees if their current situation allows for it. Once the new departments are formed, all future majors and minors would operate under the new sets of requirements.

Joint Major in Anthropology and Sociology: The joint major in Anthropology and Sociology consists of twelve classes. The core courses are ANTH 103, SOCI 105, SOCI 301 or ANTH 302 or ANTH 396, and SOC 305 or ANTH 306. Students must also take one 400-level SOCI course, one 400-level ANTH course, and six electives. A 700-level course in ANTH or SOCI can replace one of the 400-level courses.

SOAN Requirements (applies only to SOAN majors who declared prior to Fall 2019

Required for the Major in Sociology/Anthropology: A minimum of 10 courses will constitute the major; at least eight of these courses (and all the core courses listed in the tracks below) must be fall and spring courses taught at Middlebury (e.g., not winter term courses or transfer credits). No more than two electives may be introductory 0100-level courses.

There are three tracks within the department a student may choose from:

Track 1: Sociology/Anthropology consists of SOAN 0103, SOAN 0105, SOAN 0301 or SOAN 0302, and SOAN 0305 or SOAN 0306. Students must also take a 0400-level seminar. In addition, each sociology/anthropology track major will take five electives in the department, of which at least one must be at the 0300-level.

Track 2: Anthropology consists of SOAN 0103, either SOAN 0301 or 0302, SOAN 0306, a 300-level anthropology class, and a 0400-level anthropology seminar. In addition, anthropology track majors will take five electives, of which at least four must be anthropology, and of which at least one must be in archaeology or linguistic anthropology.

Track 3: Sociology consists of SOAN 0105, either SOAN 0301 or 0302, SOAN 0305, and a 0400-level sociology seminar. In addition, sociology track majors will take six electives, of which at least five must be sociology, and of which at least one must be a sociology course at the 300-level.

Joint Majors in Sociology/Anthropology
Joint majors can pursue a combined Sociology/Anthropology track, or they may specialize in the disciplines of Sociology or Anthropology. No more than one elective may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a winter term course or transfer credit). Any departures from this program must be approved by the department chair.

Joint track 1: Sociology/Anthropology consists of seven courses: SOAN 0103, SOAN 0105, SOAN 0301 or SOAN 0302, SOAN 0305 or SOAN 0306, a 400-level senior seminar, and two electives.

Joint track 2: Anthropology consists of seven courses: SOAN 0103, SOAN 0301 or SOAN 0302, SOAN 0306, a 400-level senior seminar in Anthropology, and three electives, of which at least two must be in Anthropology.

Joint track 3: Sociology consists of seven courses: SOAN 0105, SOAN 0301 or SOAN 0302, SOAN 0305, a 400-level senior seminar in Sociology, and three electives, of which at least two must be in Sociology.

Anthropology Minor: SOAN 0103 and four elective courses in SOAN, no more than one of which can be at the 0100-level and no more than one of which can be a sociology course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).

Sociology Minor: SOAN 0105 and four elective courses in SOAN, no more than one of which can be at the 0100-level and no more than one of which can be an anthropology course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).

Optional Senior Project in Sociology/Anthropology: To be eligible for departmental honors,

students must complete an independent research project of at least one semester. This typically consists of either a one-semester senior project (SOAN 0700, one credit, usually 25-40 pages) or a two-semester senior project (SOAN 0710, two credits, usually 60-100 pages). Students who wish to work on a project for more than one semester must present their progress for review by two professors who will decide whether the project qualifies for extended study. A one-semester project can be either in the fall or spring semesters; a two-semester project is usually in the fall and winter semesters or in the winter and spring semesters. Variation from these patterns is possible by permission from the department. Senior project requirements for joint majors and other special circumstances will be approved in consultation with both departments.

A SOAN 0700 project requires a project advisor. If the advisor thinks that the project may deserve an A- or A, a second reader must evaluate the project. A SOAN 0710 project requires a committee including the project advisor and a second reader from within the Sociology/Anthropology department. It may also include an optional, third reader from another part of the College or the local community. Upon completion of the SOAN 0710 project, there will be an oral defense.

Departmental Honors: Students who earn an A- or higher on a 0700 or 0710 project and average an A- or higher in all Sociology/Anthropology courses receive departmental honors.

SOCI 0105 Society and the Individual (Fall 2020, Spring 2021)

This course examines the ideas and enduring contributions of the giants of modern social theory, including Karl Marx, Max Weber, Emile Durkheim, and Sigmund Freud. Readings will include selections from original works, as well as contemporary essays. Key issues will include the nature of modernity, the direction of social change, and the role of human agency in constructing the "good society." This course serves as a general introduction to sociology. (formerly SOAN 0105) 3 hrs. lect. **SOC** *(Fall 2020: M. Owens)*

SOCI 0222 Technology and the Future of Work (Spring 2021)

In this course we will study the dynamic relationship between work and technology. Instead of seeing technology as an autonomous force that acts upon us, we will focus on the social nature of its design and its relevance to the world of work. We will consider the historical roots of technology and capitalism, but also contemporary debates around automation, workplace robotics, surveillance, and time use, as well as unions and worker movements to control technology. Students should leave the course prepared to investigate technological development through multiple lenses, and the many possibilities of the future of work. 3hrs lect. **SOC**

SOCI 0234 State and Society in Contemporary Israel (Spring 2021)

In this course we will examine Israeli society and politics in a period of rapid and profound transformation. We will begin with an introductory unit on Zionism, Palestinian nationalism, and the history of the state. Subsequent units will examine the social, cultural, and political characteristics of Israel's main population sectors and religious groupings. The final units will examine ongoing political struggles, including struggles over the role of religion in public life; civil rights and democracy; and West Bank settlements and the Palestinian-Israeli peace process. Most readings assignments will be social scientific in nature but will also include journalism and literature. (formerly SOAN 0234) 3 hrs. lect. **AAL**, **MDE**, **SOC**

SOCI 0235 The City and Its People (Spring 2021)

We all live somewhere, and increasingly we find ourselves living in an urban environment. In this course we will explore current topics in urban sociology, with particular emphasis on the power of place, culture, and community in U.S. cities. We will study the historical, cultural, and political conditions that have shaped contemporary U.S. cities, such as New York City, Chicago, and Los Angeles. We will examine how cities change and resist change through the lens of such subjects as migration, poverty, urban arts, crime, and education as it pertains to the city. Students will read a variety of ethnographic and sociological materials, in order to gain an understanding of the complexities of both urban life and processes of representation. (formerly SOAN 0235) 3 hrs. lect./disc. **AMR**, **NOR**, **SOC**

SOCI 0252 Social Psychology in Sociology (Spring 2021)

The purpose of this course is to examine the relationship between self and society from a sociological perspective. Our initial focus will on the nature of symbols, language, and the social self as theorized by G. H. Mead and early "symbolic interactionists." We will then address the presentation of self through the works of Erving Goffman, and subsequently consider more contemporary concerns, such as emotions, emotional labor, and inequality in social interaction. The second half of the course will address questions of identity and debates surrounding the emergence of "postmodern" selves. 3 hrs. lect. **SOC**

SOCI 0288 Deviance and Social Control (Fall 2020)

This course will introduce students to sociological perspectives on the nature, causes and control of deviant behavior and populations. We will consider, historically and theoretically, the construction of deviance, the social purpose it serves, and the societal response deviance engenders. We will pay special attention to the ways in which the deviant body is constructed and managed through a variety of frameworks – including medical, punitive and therapeutic - and reflect critically on the social and political ramifications of the categorizations "deviant" and "normal". (formerly SOAN 0288) 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(R. Tiger)*

SOCI 0301 The Logic of Sociological Inquiry (Spring 2021)

In this course students will be introduced to the basic tools of sociological research including problem formulation, strategies of design and data collection, and analysis and presentation of results. This class will help students formulate a research question and develop a research strategy to best explore that question. Those strategies may include interviews, structured observation, participant observation, content analysis, and surveys. This class, strongly recommended for juniors, will culminate in the submission of a senior project proposal. (SOAN 0105 or SOCI 0105) (formerly SOAN 03010) 3 hrs. lect./disc. **CW**, **SOC**

SOCI 0305 Social Theory (Fall 2020)

This course provides an overview of major lines of development in 20th century social theory relevant to the field of sociology, focusing on how various theorists have grappled with the basic issues that have dominated 20th century social thought. Particular attention will be given to the questions arising from the conceptual distinctions between structure and action, on the one hand, and identity and culture, on the other. How is social order possible? How autonomous are human agents? How do we explain the persistence of observed patterns of human interaction and social practice? How do we analyze relations between the world of everyday life and the large-scale development of social systems? How does social change take place? (formerly SOAN 0305) 3 hrs. lect. **SOC** *(J. McCallum)*

SOCI 0307 Social Movements and Collective Action (Fall 2020)

An analysis of the range of factors which influence the emergence and development of social protest, social movements, rebellion, and revolution. Topics to be considered include: the generation and mobilization of discontent; recruitment and participation; member commitment; tactics and strategy; revolutionary situations and outcomes; collective violence; and the factors that influence the success and failure of movement organizations and collective action in general. Emphasis will be placed on critically analyzing alternative approaches and theories of social movements and collective action (i.e., self-interest/deprivation, participation gratification, traditional collective behavior and resource mobilization). Empirical studies will be used throughout the course. Limited places available for students to satisfy the College writing requirement. 3 hrs. lect. **SOC** *(M. Owens)*

SOCI 0314 Sociology of Heterosexuality (Spring 2021)

Most people believe that heterosexuality is natural or rooted in biology and so never look very closely at it as a product of culture. In this course we will examine the artifacts, institutions, rituals, and ideologies that construct heterosexuality and the heterosexual person in American culture. We will also pay close attention to how heterosexuality works alongside other forms of social power, especially gender, race, and class. (formerly SOAN 0314) 3 hrs. lect. **AMR**, **NOR**, **SOC**

Cross-listed as: GSFS 0314 *

SOCI 0356 The Continuing Significance of Race in the United States (Fall 2020)

This course will introduce students to theories of race and racism in the United States, how racial categories are formed and maintained in a variety of social arenas, and how race and racism influence social systems. In order to demonstrate the prevalence of race and racism in the U.S., the course will be a “topics” course in that each week, we will explore a different topic (such as education, crime, gender) and examine how they are influenced by race and racism. In addition, the course will compare and contrast the experiences of different racial and ethnic groups in the United States and examine how these different experiences influences the way they are seen, how they see themselves, and how they interact with other groups. Upon completion of the course, students will have a better understanding of the historic and contemporary significance of race and how race influences our everyday interactions in multiple different social arenas. (formerly SOAN 0356) 3 hrs. lect. **AMR**, **CMP**, **NOR**, **SOC** *(C. Han)*

SOCI 0362 Digital Sociology (Spring 2021)

We live in a digital world. We surf. We tweet. We swipe left. We create data. We become data. In this course we will consider how we use and are used by digital technologies. Digital spaces are neither neutral nor separate; they reflect and recreate the “real world.” We will critically examine today’s technologies and practices using central concepts in sociological theory, namely identity, inequality, and power. We will focus on four main topics: social media and productive labor; surveillance and privacy; stratification in access, use, and experience across race, class, gender, and sexuality; and online political organizing. 3 hrs. lect. **SOC**

SOCI 0364 Documentary Sociology (Spring 2021)

In this course we will consider how documentaries can bring the “sociological imagination” to life by using video and audio to link individual troubles with social issues and personal biography with historical context. Through readings and viewings, we will spend the first third of the class discussing the potential and limitations of the documentary form to illustrate sociological concepts. Students will develop a proposal for their own short video or audio documentary that they will then work on throughout the semester. Students must be willing to spend significant time outside of class on their documentary and to provide constructive feedback on each other’s developing projects in class. The course will culminate in a public presentation of the finished projects. No prior experience or coursework in video or audio production is required. (open to SOAN majors or by instructor approval) 3 hr. sem, **SOC**

SOCI 0376 Politics of Identity (Fall 2020)

In this course we will introduce students to social diversity in the U.S. as it is reflected in four master identities: class, gender, race, and sexuality. We will examine what these identities mean for group membership, how group membership is attained or ascribed and maintained. Using both historical and contemporary materials, we will explore how identities have developed over time and how they have been challenged. In addition, we will examine how multiple identities intersect and the implications of these intersections have on individual identities. 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(C. Han)*

Cross-listed as: GSFS 0376

SOCI 0478 Sociology of Punishment (Fall 2020)

In this course, we will examine the changing ideologies and practices of state-sponsored punishment that have led to the spectacular expansion of imprisonment and other forms of penal supervision in the U.S. Drawing on theoretical accounts of punishment, historical examinations of prison and parole, and contemporary studies of criminal law and sentencing, we will consider social control as it plays out via institutionalized contexts, namely prisons and asylums, as well as alternative sanctions, such as coerced treatment. We will identify the major phases of penal development and consider mass imprisonment as both a reflection and cause of racial and economic inequality. (SOAN 0105 or SOCI 0105 or SOAN 0288 or SOCI 0288) (formerly SOAN 0478) 3 hrs. sem. **AMR**, **NOR**, **SOC** *(R. Tiger)*

SOCI 0497 Global Gays and the Global Gayze (Spring 2021)

In this course we will explore the ways that non-straight sexualities have been understood within a global context. Specifically, we will examine the various ways that non-straight sexualities have been constructed around the globe, the factors that have led to the development of various forms of sexual identifications, as well as the linkages between different cultures, nations, and locations that have influenced the ways that societal beliefs about non-straight sexualities, as well as non-straight sexual “identities,” have come to be influenced through such connections. 3 hrs. sem. **CMP**, **SOC**

Cross-listed as: IGST 0497

SOCI 0500 Advanced Individual Study (Fall 2020, Spring 2021)

Prior to registering for SOCI 0500, a student must enlist the support of a faculty advisor from the Department of Sociology. (Open to Majors only) (Approval Required)

SOCI 0700 One-Semester Senior Project (Fall 2020, Spring 2021)

Under the guidance of a faculty member, a student will carry out an independent, one-semester research project, often based on original data. The student must also participate in a senior seminar that begins the first week of fall semester and meets as necessary during the rest of the year. The final product must be presented in a written report of 25-40 pages, due the last day of classes.

SOCI 0710 Multi-Semester Senior Project (Fall 2020, Spring 2021)

Under the guidance of a faculty member, a senior will carry out an independent multi-semester research project, often based on original data. The student must also participate in a senior seminar that begins the first week of fall semester and meets as necessary during the rest of the year. The final product must be presented in a written report of 60-100 pages, due either at the end of the Winter Term or the Friday after spring break.

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Department of Sociology/Anthropology

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Spanish and Portuguese

Please see Luso Hispanic Studies for course listing.

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South Asian Studies Minor

Professor: Cynthia Packert; Ian Barrow (history); Sujata Moorti (gender, sexuality, and feminist studies); William Waldron (religion); Associate Professor: Yumna Siddiqi (English and American Studies); Other affiliated faculty: Febe Armanios (history), Jeffrey Lunstead (diplomat in residence, international and global studies); Ellen Oxfeld (sociology and anthropology)

This program offers a minor in South Asian Studies to students who complete the following requirements:

(1) Two of the following core courses which focus primarily on South Asia or the religions of South Asia:

ENAM 0270 Postcolonial Literature: 20th-Century South Asia
ENAM 0310 Postcolonial Studies and Politics
HARC 0227 Poetry, Piety & Power: Indian Painting 1200-Present
HIST 0238 Modern Sri Lanka
HIST 0239 Modern India
HIST 0429 Gandhi
IGST 0250 International Diplomacy and Modern South Asia
RELI 0140 Hindu Traditions of India
RELI 0150 The Islamic Tradition
RELI 0220 Buddhist Traditions in India
RELI 0224 Tibetan Tantric Traditions
RELI 0391 Seminar on Women and Religion (when offered as Goddesses of South Asia)
Winter term East India Company

(2) Two courses, chosen from group 1 (above) or from the following courses, which include significant course materials on South Asia or Islam:

HARC 0102 Monuments and Ideas in Asian Art
HARC 0204 Approaches to Islamic Art
HIST 0108 The Early History of Islam and the Middle East
HIST 0109 The History of Islam and the Middle East
IGST 0449 Imperialism and Culture
RELI 0120 Intro to Asian Religions
RELI 0255 Islam in the Modern World
RELI 0320 Seminar in Buddhist Philosophy
WAGS/ FMMC 0347 Remote Control: Global TV Culture

(3) One advanced, relevant 0400-level course (including those listed above in group 1) or an independent 0500-level project.

NOTE: Other courses offered during the fall and spring semesters, or during the winter term, or at universities in South Asia, may substitute for courses in category 2 at the discretion of the program director. The director or minor adviser will also approve courses to count in category 3.

There are many possibilities for study at universities in South Asia. Contact the Office of Off-Campus Study for details.

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Program in Studio Art

Required for the Major (12 courses): ART 0157, or ART 0159, or another introductory level drawing course; HARC 0100 or HARC 0102 (or an approved substitute in the history of art practice); five studio art courses, three of which must be at the 0300 level or higher;* four additional courses in either studio art practice or any cross-disciplinary electives chosen in consultation with your advisors from the elective categories below; and ART 0700 is also required.
* The 0300 level classes integrate to give students well-rounded experience in major approaches to the practice of visual art. Classes in sculpture, photography, printmaking and painting focus on unique properties of each medium, yet highlight technical and expressive connections with each other and other areas of the curriculum (see elective categories). Instruction is highly individualized in order to help students develop their own artistic voice.
Joint Major Requirements (8 courses): ART 0157, or ART 0159, or another introductory level drawing course; HARC 0100 or HARC 0102 (or an approved substitute in the history of art-practice); four electives in studio art, three of which must be at the 0300 level or higher; one additional elective chosen in consultation with your advisors from the elective categories below; and ART 0700.
Minors in Studio Art (6 courses): ART 0157, ART 0159, or another introductory level drawing course; HARC 0100 or HARC 0102 (or an approved substitute in the history of art practice); four studio art courses, three of which must be at the 0300 level or higher. Minors are eligible to apply to enroll in ART 0700.

Elective Categories for Studio Art Major*:*
History of Visual Art Practice:Any history course in the history of human visual culture. For examples, please refer to the course descriptions of AMST 0225, FMMC 0267, HARC 0204, IGST 0420, and PHIL 0233.

Visual Imaging: Any course that seeks to understand and process knowledge through cognitive visual imaging. For examples, please refer to the course descriptions of CSCI 0461, DANC 0361, GEOG 0325, GEOL 0211, and PHYS 0221.

Metaphorical Thinking: Any course that teaches how to process knowledge through mapping experience between two realms, linguistic or non-linguistic. For examples, please refer to the course descriptions of CRWR 0170, ENVS/DANC 0277, FMMC 0106, MATH 0121, PHYS 0101, PHYS 0201, THEA 0218, and SPAN 0320.

Creative Practice: Any creative practicum course. For examples, please refer to the course descriptions of DANC 0160, FMMC 0348, HARC 0330, and MUSC 0221.

Honors: Categories of honors are based upon cumulative departmental averages as follows: honors, 3.7; high honors, 3.8; highest honors, 3.9 or higher.
Teacher Training: Students interested in teacher training in art should consult with the chairs of the education studies program and the studio art program.
Study Abroad: Many students in Studio Art wish to pursue visual art-practice in depth during junior year away from Middlebury. The Program has long experience with many institutions abroad (as well in the U.S.) that offer excellent studio art programs. Students should consult with their advisors to develop a plan for which schools and programs of study are most suitable

for their goals.

ART 0156 Drawing: Unlearning What You See (Fall 2020)

We will cover various approaches and experimentation with mark making and materials. Dry and wet media will be used as well as basic sculptural techniques to get a better understanding of the volumetric qualities of depicting space and figures. Students will learn how to render composition, scale, negative/positive space, contour lines, tonal values, line quality, and personal style. Class includes individual and group critiques, and when possible, field trips. Topics relating to representation such as who gets represented and how, will be discussed. Readings and short lectures will inform these discussions and there will be short writing assignments that will allow further exploration. No prior drawing experience is expected. (Not open to students who have taken ART 0157 or ART 0159) 6 hrs lct. **ART** *(E. Puerta)*

Cross-listed as: ART 0157 * ART 0159

ART 0157 Foundation Drawing: Making Drawings to Explain the World Around Us (Spring 2021)

In this course we will learn to make drawings and graphic images to reveal the world we inhabit. Skills learned will include how to make perspective, architecture, value, and contour line systems. We will draw from observation of the natural world including, the human figure, exploring structure, expression, and psychology. We will also make and use photographic images. No previous studio experience is required or expected. 6 hrs. lect./lab **ART**

Cross-listed as: ART 0156 ART 0159

ART 0159 Studio Art I: Drawing (Fall 2020)

This course is a complete and thorough basic drawing course. Mediums used will be pencil, charcoal, and ink, among others. Work will be done from observation and invention. Line, perspective, value, composition, and introduction to color will be discussed. Assignments will involve students with the formal and technical aspects of drawing and with the idea of drawing as an individual means of expression. No prior drawing experience is assumed or expected. This course is required of all art majors and minors. 6 hrs. lect./lab **ART** *(H. Klein)*

Cross-listed as: ART 0156 ART 0157 *

ART 0167 Intro to Sculpture-Form and Space (Fall 2020)

What defines a sculpture? How do we make a sculpture? How do we talk about sculpture? What purpose does sculpture have? In this foundational, 3-dimensional art class, we will address fundamental sculpture concepts by considering form, function, scale, volume, and ideas behind the tactile world. Students will learn useful techniques such as: basic welding and woodworking; as well as how to use less traditional materials like rubbers, plastics, and foams. Through a series of sculpture-making projects we will learn to control these methods in creating our own art objects. Slide presentations of contemporary and historical artworks will integrate individual instruction and group critiques. No experience is required or expected. 6 hrs. lect., lab **ART**

ART 0180 Sculptural Architecture (Fall 2020)

Architecture is a projection of our dreams as well as a practical necessity. In this course we will explore making architecture as imaginative sculpture. Working on a table-top scale, we will draw, build, and digitally photograph structures confronting challenges of site, population, and aesthetics. Specific and useful skills, such as hand and power tool operation, will be taught. Students will learn how to make sophisticated three-dimensional forms using foam-core, balsa, mahogany, and other woods. In addition, unusual processes of flame-worked and fused glass will be introduced. Weekly image-lectures on the history of sculpture, design, and architecture will be included. This class is recommended for those interested in bridging architectural practice with studio art freedom. No experience is required or expected. 6 hrs. lect./lab
ART *(J. Butler)*

ART 0195 CMD+Z: Infinite Possibilities of The Digital Studio (Fall 2020)

In this foundation course we will establish methodologies for creative expression using digital applications in the areas of photography, drawing, moving image, and the web. Students will develop literacy in working digitally using Adobe Photoshop, Illustrator, and coding for the web using HTML/CSS. Students can expect to produce multiple small assignments in addition to one final project at the end of the semester. Students will need access to a DSLR camera with video capabilities. 6 hrs. lect./lab **ART** *(M. Leftheris)*

ART 0300 Advanced Drawing: Making Your Mark (Spring 2021)

In this course students will refine their drawing skills and their understanding of formal pictorial language and how to visually communicate ideas to a viewer. Students will have the option to explore drawing from observation, imagination, abstraction, and unconventional. Students will be exposed to the importance and relevance of both contemporary art as well as ancient art, stressing critical thinking and the exploration of materials. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect. **ART**

ART 0309 The Landscape Re-Imagined: Painting, Drawing, Photography, and Glass (Fall 2020)

In this course we will explore various art-making methods to depict our campus landscape and architecture. We will use oil paint on canvas, color drawing media, photography, and kiln-fused glass in a multi-disciplinary approach to two-dimensional picture-making. We will then explore how to integrate these technical processes with a goal of creating new and contemporary painted images. In addition to weekly image-based lectures on the history of landscape painting, the class will involve a collaborative studio workshop atmosphere, close individual instruction, and personal artistic development. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART** *(J. Butler)*

ART 0315 Scratching the Surface (Spring 2021)

In this course we will explore studio instruction in traditional and contemporary methods of intaglio printmaking with a critical emphasis on different methods of working directly on the plate. The general term intaglio (from the Italian intagliare, which means to engrave, carve, or cut) covers a multitude of processes. The incised line in the plate holds the ink while the surface is wiped clean. Only the line prints when paper is placed on the plate and both are run through the etching press. The course is augmented by slide lectures to provide the students with a thorough background in the intaglio medium as well as other drawing based mediums. Depending on resources, students may have the opportunity to be a part of an intensive, collaborative print project to produce an edition of prints with a professional artist. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART**

ART 0318 Silkscreen Printmaking (Fall 2020)

In this course students will explore the silkscreen medium with guided studio instruction. This will include paper stencil method, film stencil method, photographic stencil method, and multicolor printing. Concentration will be on drawing. Towards the end of the semester, students will learn to use basic computer-aided imagery. Students will explore the roll of silkscreen printing in contemporary art as well as its use in popular culture. Depending on resources, students may have the opportunity to be part of an intensive collaborative print project to produce an edition of prints with a professional artist. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART** *(H. Klein)*

ART 0370 Portraiture In Oil Painting and Sculpture (Spring 2021)

In this class we will make images and objects of the human figure. Our approach will be two-fold: We will make glazed-ceramic portrait sculptures, which will be used as the basis for large-scale oil paintings. In doing so, we will learn how artists throughout history made oil paintings by creating and using visual source material. Our paintings will, as the need arises, integrate three-dimensional additions made from fired-ceramic, enameled copper, and/or fused glass. In these ways we will explore concepts of decoration, jewelry, and clothing. We will use digital photography throughout to record, analyze, and invent. In addition to weekly image-based lectures on the history of portraiture and design, the class will be include close, individual instruction within a collaborative workshop atmosphere. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART**

ART 0371 Sculpture I - Communicating in Three-Dimensions (Spring 2021)

This course is designed to further an investigation into the techniques and principles of three-dimensional art. Project objectives are designed to provide new problems and techniques to provoke creative solutions and visions. We will experiment with a number of materials and concepts, from wood-bending and welding to performance and installation. Each project's success will rely heavily on the research and commitment students bring to the creative process. Students will be expected to communicate the process and concept behind each artwork visually, orally, and in writing. (ART 0159 and another introductory level studio practice course from the following list: ART 0157, ART 0159, ART 0180, or by approval) 6 hrs. lect.lab **ART**

ART 0380 Photography Now (Spring 2021)

In this color digital photography course students will sharpen their points of view within the framework of a contemporary photographic practice. Students will learn how to shoot digitally, scan, develop lighting strategies, make large format prints and edit their images into a cohesive body of work. Readings and class discussions will be based on how the photographic image functions in our current culture. Students must have access to 15MP (or bigger) digital SLR camera with manual controls of focus, aperture, and shutter. 3 hrs. lect. **ART**

ART 0388 Pictures in Space (Spring 2021)

It is estimated that we see 4,000 to 10,000 images a day. In this class we examine the function and impact of images (photographic and otherwise). Topics of investigation include interactivity, activism, memes, storytelling, and artist/audience relationship. These will be explored through studio-based projects supplemented with readings, individual research, and group assignments. Projects consist of a public art/installation piece, a zine and a website. Exploring research topics from other disciplines is encouraged. A prerequisite of ART150 or ART0195 is recommended but not required. There will be introductory demonstrations designed to bring all students up to the necessary skill level. 6 hrs lect./lab **ART**

ART 0396 Origins of Photography: Shooting Film (Fall 2020)

In this course students will track photography's evolution historically and technically as we create lense-based art. We will start in the darkroom making photograms, shooting film with a manual SLR camera, and printing black and white wet process images. The second half of the semester we will continue shooting film while transitioning into scanning and color digital printing. Emphasis will be on development of an individual creative voice through close personal attention. In addition to studio work we will be studying the history of photography. Required: 35mm film SLR camera (preferable) or 8MP (or bigger) DSLR camera manual focus, aperture, and shutter. 6 hrs. lect./lab **ART** *(M. Leftheris)*

ART 0500 Special Project (Fall 2020, Spring 2021)

Supervised independent work with a special project proposed by a student or a collaboration between a student and a faculty member on a special project. Admission by permission of a faculty member. 3 hrs. lect.

ART 0700 Advanced Studio I (Fall 2020, Spring 2021)

This course is designed for dedicated students who have taken full advantage of the many different modes of creation offered by the Program in Studio Art. Demonstrated visual literacy is essential before entering this course where you will begin developing an individual voice and practice as a young artist.
Designed to help develop a cohesive body of work with a personal point of view, this course provides the basic tools needed to express artistic intentions visually, verbally, and in writing. Weekly group critiques, class discussions about contemporary art theory/art criticism, and regular one-on-one studio visits with the Studio Art faculty and visiting artists provide a broader context for your artwork. This class culminates with a public exhibition curated and promoted by the class as a whole.
In addition, students are guided in the creation of a professional portfolio, including extensive documentation of the artwork produced and multiple versions of an artist statement, both suitable for submission to artist internships, residencies, or graduate schools.
Graduating seniors enrolled in ART 700 will curate, mount and promote a solo thesis exhibition. They will also create and submit a digital portfolio to be archived by the Program in Studio Art.
Interested students should contact the professor a minimum of one (1) week prior to online registration. Provide a transcript of all completed Studio Art courses, images of work created, and a brief, 1-2 page description of the media you intend to use and the subject matter you wish to further investigate. Students are expected to have completed two Studio Art classes in the medium they wish to explore before applying for ART 700. Approval required. 4 hrs sem./lab.

ART 0701 Advanced Studio II (Fall 2020, Spring 2021)

Approval required. 4 hrs sem./lab

ART 0702 Advanced Studio III (Fall 2020, Spring 2021)

Approval required. 4 hrs sem./lab

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Program in Theatre

Students matriculating Fall 2017 or later must follow these requirements. Student who matriculated prior to Fall 2017 have the option to follow these requirements or the old requirements.

Requirements for the Major: Students must complete a combination of eleven courses (eight core courses and three additional courses - see Senior Work requirements http://www.middlebury.edu/academics/thea/work, in consultation with the advisor, in preparation for Senior 700 work) and a Crew Requirement (defined below).

Core Courses for the double or full major:

An introductory course: ARDV 0116 *The Creative Process* or THEA 0101 *Visual Creativity for the Stage*

A design course: THEA 0111 *Scenic Design I: Beginning*, THEA 0113 *Lighting Design I: Beginning*, or THEA 0205 *Costume Design I: Beginning* (or THEA 0101 *Visual Creativity for the Stage*, for students whose introductory course is ARDV 0116)

THEA 0102 Acting I

THEA 0208 Theatre History

THEA 0214 Directing I: Beginning

A THEA dramatic literature course

THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics

THEA 0700 Senior Independent Project

Joint Majors: Students must complete a combination of nine courses (seven core courses and two additional courses – see Senior Work requirements http://www.middlebury.edu/academics/thea/work)) and a Crew Requirement (defined below). *Students wishing to undertake a joint major in ENAM and Theatre should be advised that senior work will normally consist of two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes betaken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing.

Core Courses for the Joint Major:

- An introductory course: ARDV 0116 *The Creative Process* or THEA 0101 *Visual Creativity for the Stage*
- A design course: THEA 0111 *Scenic Design I: Beginning*, THEA 0113 *Lighting Design I: Beginning*, or THEA 0205 *Costume Design I: Beginning* (or THEA 0101 *Visual Creativity for the Stage*, for students whose introductory course is ARDV 0116)

- THEA 0102 Acting I
- THEA 0208 Theatre History
- THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics
- THEA 0214 Directing I
- THEA 0700 Senior Independent Project

Only one Production Studio in acting course may be counted in fulfillment of the joint major.

Senior Independent Project: Students may pursue independent senior projects in acting, directing, design (set, light, or costume), playwriting, literature, applied theatre, devised theatre or an intradisciplinary project (Single or Full major only) All senior projects will include both experiential and analytical work. Intermediate Independent Projects (THEA 0500) are not required but may be proposed in all disciplines except acting. Please visit Senior work for a guide to Senior Work Course Requirements.

Crew Requirement (required for any theatre major or minor): This may be fulfilled by Assistant Directing, Stage Managing or Assistant Stage Managing (AD/SM/ASM) a Faculty Show. For those who have not AD/SM/ASM, the Crew Requirement should be completed by the end of the 5th semester and will normally be satisfied by undertaking a running crew assignment (lights, sound, wardrobe) on a for-credit production. This requirement may also be fulfilled by completing THEA 0119 Fall Production Studio: Design or THEA 0129 Spring Production Studio: Design.

Theatre Minor: Students must complete a combination of six courses (four core courses and two Theatre electives) and a crew requirement.

Courses:

- ARDV 0116 The Creative Process or THEA 0101 Visual Creativity for the Stage
- THEA 0102 Acting I
- THEA 0208 Theatre History
- THEA literature course

Theatre electives: only one Production Studio course may be counted as an elective.

Crew Requirement: (same as above)

Please note: These requirements apply to any student declaring a Theatre Minor starting fall 2014.

Honors: Honors, high honors, or highest honors are awarded to graduating seniors in the Theatre Program based upon their grade point average of 3.8 or better in theatre courses, and overall distinction in the department. Joint majors are only eligible for honors.

Old Requirements
Requirements for the Major: Students must complete a combination of twelve courses (eight core courses and four Theatre electives) and a Crew Requirement (defined below).

Core Courses

ARDV 0116 The Creative Process

THEA 0101 Visual Creativity for the Stage or THEA 0111 Scenic Design I: Beginning or THEA

0113 Lighting Design I: Beginning or THEA 0205 Costume Design I: Beginning

THEA 0102 Acting I

THEA 0208 Theatre History

THEA 0214 Directing I: Beginning

A THEA dramatic literature course

THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics

THEA 0700 Senior Independent Project

Joint Majors: Students must complete a combination of eight courses (six core courses and two Theatre electives) and a Crew Requirement (defined below). Joint majors who choose to do their Senior Independent Project in acting or directing may be required to complete an additional course.

*Students wishing to undertake a joint major in ENAM and Theatre should be advised that senior work will normally consist of two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes be taken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing.

Core Courses

- ARDV 0116 The Creative Process
- THEA 0101Visual Creativity for the Stage or THEA 0111 Scenic Design I: Beginning or THEA 0113 Lighting Design I: Beginning or THEA 0205 Costume Design I: Beginning
- THEA 0102 Acting I
- THEA 0208 Theatre History
- THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics
- THEA 0700 Senior Independent Project

Only one Production Studio course may be counted in fulfillment of the joint major.

Senior Independent Project: Students may pursue independent senior projects in acting, directing, design (set, light, or costume), playwriting, literature, applied theatre, or by combining two or more of the above disciplines. All senior projects will include both experiential and analytical work. Intermediate Independent Projects (THEA 0500) are not required but may be proposed in all disciplines except acting. Please visit Senior work for a guide to Senior Work Course Requirements.

Crew Requirement: The Crew Requirement must be completed by the end of the 5th semester and will normally be satisfied by undertaking a running crew assignment (lights, sound, wardrobe) on a for-credit production. This requirement may also be fulfilled by stage managing or assistant directing a faculty show, or by completing THEA 0119 Fall Production Studio: Design or THEA 0129 Spring Production Studio: Design.

Theatre Minor: Students must complete a combination of six courses (four core courses and two Theatre electives) and a crew requirement.

Core Courses:

- ARDV 0116 The Creative Process or THEA 0101 Visual Creativity for the Stage
- THEA 0102 Acting I
- THEA 0208 Theatre History
- THEA literature course

Theatre electives: only one Production Studio course may be counted as an elective.

Crew Requirement: The Crew Requirement must be completed by the end of the 5th semester and will normally be satisfied by undertaking a running crew assignment (lights, sound, wardrobe) on a for-credit production. This requirement may also be fulfilled by stage managing a faculty show, or by completing THEA 0119 Fall Production Studio: Designer THEA 0129 Spring Production Studio: Design.

Please note: These requirements apply to any student declaring a Theatre Minor starting fall 2014.

ARDV 0116 The Creative Process (Fall 2020, Spring 2021)

In this course, students will have the opportunity to dig deeply into their own creativity and explore the processes by which ideas emerge and are given shape in the arts. The experiential nature of this course integrates cognition and action, mind and body. Students will engage a range of modes of discovering, knowing, and communicating, which are designed to push them beyond their present state of awareness and level of confidence in their creative power. Practical work will be closely accompanied by readings and journaling, culminating with the creation and performance of a short project. (First- and second-year students only; Not open to students who have taken FYSE 1364) 3 hrs. lect. **ART** *(Fall 2020: L. Winfield)*

Cross-listed as: FYSE 1063 *

THEA 0101 Visual Creativity for Stage (Fall 2020)

Students will develop an understanding of color, line, form, shape, texture, and balance as they apply to historical and current theatrical literature. Projects in figure drawing, charcoal and chalk, watercolor painting, and model making are intended to stretch the student's research ability, artistic imagination, critical-analysis, and presentation skills. The class is designed for all students interested in the visual and the performing arts and serves as an introduction to set, costume, and light design. 25 hours of production lab work will be assigned in class. 3 hrs. lect. **ART** *(M. Evancho)*

THEA 0102 Acting I: Beginning Acting (Fall 2020, Spring 2021)

Rigorous physical and psychophysical exercises attempt to break through the cultural and psychological barriers that inhibit an open responsiveness to impulses, to the environment, and to others. Attempt is made to free personal response within improvised scenes and, eventually, within the narrative structure of a naturalistic scene. Attention is given to various theories of acting technique. Students are expected to audition for departmental shows. (First- and second-year students only) 3 hrs. lect./individual labs **ART** *(Fall 2020: J. Proctor)*

THEA 0111 Scenic Design I: Beginning (Fall 2020)

Exploration and development of basic set design skills for theatre and dance. Class projects will introduce the student to sketching, sculpting, script analysis, and presentation skills. The design projects will challenge the student's imagination and creativity through historical and current theatrical literature, the study of artistic movements in theatre, concept development, and research. In addition, students will work on productions in order to understand better how theory relates to practice. 25 hours of production lab work will be assigned in class. 3 hrs. lect. **ART** *(M. Evancho)*

THEA 0113 Lighting Design I: Beginning (Spring 2021)

This course examines historical and present lighting theories, theatrical artistic movements, and theatrical literature, leading to the planning and conceptual development of the lighting plot. Class projects will also introduce the student to sketching, painting, sculpture, script analysis, and presentation skills. In addition, students will work on productions in order to understand better how theory relates to practice. 25 hours of production lab work will be assigned in class/3 hrs. lect. **ART**

THEA 0119 Fall Production Studio: Design (Fall 2020)

In preparing a fully produced theatrical production for the stage, students will participate in and be exposed to professional production practices in all areas of theatrical design, including sets, costumes, props, lights, and sound. Students will be involved in planning, building, painting, constructing, and running and striking of shows. More advanced students may speak to the professors about taking on special projects, but those with little or no experience backstage are very much encouraged to participate. 8 hrs. lab **ART** *(M. Evancho, M. Veikley)*

THEA 0125 History of Western Dress: 1300-Present (Spring 2021)

This course will address the changing ways in which societies have clothed the human body since the phenomenon of fashion in Western dress began during the late Middle Ages. Slides, readings, and video clips will be used to examine the ways in which evolving styles of dress reflect the social and political values of a society. 3 hrs. lect. **ART**

THEA 0129 Spring Production Studio: Design (Spring 2021)

In preparing two fully produced theatrical productions for the stage, students will participate in and be exposed to professional production practices in all areas of theatrical design, including sets, costumes, props, lights, and sound. Students will be involved in planning, building, painting, constructing, and running and striking of shows. More advanced students may speak to the professors about taking on special projects, but those with little or no experience backstage are very much encouraged to participate. 8 hrs. lab **ART**

THEA 0202 Acting II: Voice for the Actor (Fall 2020)

Using the Linklater technique for the voice, students will study the physiological foundations of voice and alignment. By means of interrelated physical and vocal exercises, students will discover ways of changing patterns that restrict a full range of physical and vocal expressiveness. Students will study and present passages from Shakespeare to explore ways in which their new physical and vocal skills may be used to express a greater range of intellectual and emotional understanding. (THEA 0102 and ARDV 0116; Approval required, please contact Cheryl Faraone for approval since Professor Draper is currently on leave) 4 hrs. lect. *(A. Draper)*

THEA 0205 Costume Design I: Beginning (Fall 2020)

In this introductory course we will explore the art and practice of costume design for theatre. Special emphasis will be placed on communicating ideas through the visual language. Students will develop their thinking through script analysis, creative impulse, concept development, historical research, figure drawing, fabrication, and presentation. Though we will explore the specific medium of clothing, students learn concepts that are applicable to fields beyond theatrical design by developing visual sensibility and conceiving ideas through three-dimensional space. No prior drawing experience is assumed or expected. 4 hrs. lect. **ART** *(M. Veikley)*

THEA 0208 Theatre History (Fall 2020)

Using the dramatic text as the primary focus, this course will chart the progression of theatre from its ritualistic origins to the advent of modern drama. This survey will include an overview of theatrical architecture, the evolution of design and acting styles, and the introduction of the director. Since theatre does not exist in a void, a consideration of the social, cultural, political, and scientific milieu of each era studied will be included in the course. 2 1/2 hrs. lect./discussion & 1 screening per week **ART**, **CMP**, **EUR**, **HIS** *(C. Medeiros)*

THEA 0210 Fall Production Studio: Acting (Fall 2020)

The cast works as part of a company interpreting, rehearsing, and performing a play. Those receiving credit can expect to rehearse four to six nights a week. Appropriate written work is required. Participation in the course is determined by auditions held the previous term. (Approval required) 3 hrs. lect. **ART** *(M. Biancosino, C. Medeiros)*

THEA 0214 Directing I: Beginning (Spring 2021)

As a group, students will analyze one or two plays to discover the process involved in preparing a script for production. Attention will be given to production and design concepts, textual values, auditions, rehearsals, and the structuring of a performance in time and space. Students will also cast and direct one or more scenes to be worked on and performed in class. The practical work is combined with written analysis. (Approval required; ARDV 0116, THEA 0102) 4 hrs. lect.

THEA 0218 Playwriting I: Beginning (Fall 2020)

The purpose of the course is to gain a theoretical and practical understanding of writing for the stage. Students will read, watch, and analyze published plays, as well as work by their peers, but the focus throughout will remain on the writing and development of original work. (Formerly THEA/ENAM 0218) **ART**, **CW** *(D. Yeaton)*

Cross-listed as: CRWR 0218

THEA 0220 Spring Production Studio: Acting (Spring 2021)

The cast works as part of a company, interpreting, rehearsing, and performing a play. Those receiving credit can expect to rehearse four to six nights a week. Appropriate written work is required. Participation in the course is determined by auditions held during the term prior to the performance. (Approval required) 3 hrs. lect. **ART**

THEA 0242 Out on Stage: US Gay and Lesbian Drama (Spring 2021)

In this course we will study US American gay and lesbian plays from the 1930s through the present day. Our journey will illuminate key moments in the history of homosexuality in the United States: from the dramatization of closetedness and “the love that dares not speak its name” to the Gay Liberation Movement, the AIDS epidemic, and, lastly, the emergence of queer and transgender identities. Students will learn how to analyze the dramatic text as pre-text to a fully embodied event in front of an audience. To that end, in addition to approaching the plays through the lens of theatre praxis, we will watch recorded performances and cinematic adaptations. Secondary readings and research will illuminate the ways in which the works respond to specific historical contexts. 3 hrs. lect. **AMR**, **ART**, **LIT**, **NOR**

THEA 0324 Directing II: Advanced (Fall 2020)

This is a course for the upper level theatre student with previous experience in directing. Students will be exposed to various contemporary performance modes and styles and will devote half the semester to the exploration, rehearsal and performance of a substantive text. Attention will be given to the director/designer collaboration, working with actors, and the pragmatic aspects of mounting a production. This course is required for students hoping to propose independent work in directing, but is open to any student with the appropriate prerequisites. (Approval required; THEA 0214, additional directing experience or by waiver) 4 hrs. lect. *(M. Biancosino)*

THEA 0325 Costume Design II: Advanced (Spring 2021)

In this course we will continue exploration of costume design and figure illustration. Design projects will focus on the further development of students' graphic and conceptual abilities. A range of work will be encountered, including modern dress, period realism, and fantasy. (THEA 0205 or by approval) 3 hrs. lect. **ART**

THEA 0402 Acting IV: Styles of Acting (Spring 2021)

The course will expose students to the rigorous physical, vocal, mental, and emotional demands of "non-naturalistic" acting, beginning with the Greeks, continuing through Shakespeare, Restoration, the eighteenth century, and ending with contemporary absurdist playwrights. Emphasis is first upon an intellectual understanding of the texts, then upon their fullest physical, vocal, and emotional expression. The course is designed for students who have had some prior stage experience. (ARDV 0116, THEA 0102 and an additional performance course) 4 hrs. lect./1hr. screen.

THEA 0406 Twentieth/Twenty-first Century Performance Aesthetics (Fall 2020)

This course is an intensive exploration of the evolution of the theory and practice of theatrical experimentation in the 20th and 21st centuries. The Modernist movement irrevocably altered the artist’s relationship to the social, and political order. The ramifications of this change will be addressed throughout the course, with particular emphasis on Brecht, Artaud, and Grotowski. Students will write papers and give presentations on the work of such contemporary artists as Peter Brook, DV8, Robert Wilson, Ariane Mnouchkine, Complicite and Jerzy Grotowski. (Approval required; ARDV 0116 and THEA 0208) 3 hrs. lect./1 hr. disc. **ART** *(A. Draper)*

THEA 0500 Intermediate Independent Project (Fall 2020, Spring 2021)

In consultation with their advisors, theatre majors in design may propose a THEA 0500 Intermediate Independent Project. Preliminary proposal forms approved by the student's advisor will be submitted to the program by March 1st of the preceding academic year for those wanting credit in the fall or winter terms and by October 1st for those wanting credit in the spring term. Projects will conform to the guidelines that are available in the theatre office. Students are required to attend a weekly THEA 0500/0700 seminar.

THEA 0505 Intermediate Independent Project (Fall 2020, Spring 2021)

(Approval Required) *(C. Medeiros, A. Draper, M. Evancho, C. Faraone, M. Veikley, D. Yeaton)*

THEA 0700 Senior Independent Project (Fall 2020, Spring 2021)

Senior work is required. In consultation with their advisors, theatre majors may propose a THEA 0700 Independent Project. Preliminary proposal forms approved by the student's advisor will be submitted to the program by March 1st of the preceding academic year for those wanting credit in the fall or winter terms and by October 1st for those wanting credit in the spring term. Projects will conform to the guidelines that are available in the theatre office. Students are required to attend a weekly THEA 0500/0700 seminar.

THEA 0708 Senior Work: Joint Majors in Theatre and English & American Literatures (Fall 2020, Spring 2021)

Approval required.

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Writing and Rhetoric Program

College Writing Requirement

Because Middlebury College values writing, all students are required to take two writing intensive courses. The first writing intensive course is the First Year Seminar, taught by faculty across the disciplines. The second writing intensive course is generally taken by the end of a student's sophomore year or as advised by their major area of study. This course is designated by a "CW."

The second-level CW course features in-class discussion of writing and attention to revision. College writing courses are limited in size and faculty are asked to provide written responses to drafts and to meet individually with students to discuss their work. Many college writing courses also assign peer review.

Expectations for writing in the second-level CW course vary from department to department and class to class. Some classes require twenty pages of polished prose. Others require writing that includes charts and graphs, or perhaps writing for the web. These classes might not think in terms of page numbers.

In CW classes instructors might assign informal writing as well as formal writing. Informal writing, often known as "writing to learn," might be graded or ungraded and might include journals, field notes, informal responses to readings, online discussions, and in-class writing. Informal writing might be used as a way to begin a formal paper or as a means to generate good class discussion.

Formal writing assignments are usually graded, and might include critical and/or creative work. Genres include: argumentative essays, research papers, literature reviews, case studies, op-eds, blogs, digital writing, critical narratives, etc.

Some departments reserve their college writing classes for students majoring in their discipline. In other departments the CW class is open to students across the college, and course content may vary widely.

Faculty seeking approval of their CW class should contact Shawna Shapiro, Director of the Writing and Rhetoric Program. In addition, faculty may contact any member of the Writing and Rhetoric Program to discuss their goals for their CW class and to obtain feedback on writing assignments, syllabus design, the peer review process, or responding to student writing.

Members of the Writing and Rhetoric Program are also available to visit classes to talk with you and your students about writing.

WRPR 0100 Writing in Academic Contexts I (Fall 2020)

In this class students will build upon their identities as writers and thinkers, engaging complex issues within a diverse and supportive classroom community. Class activities and assignments will focus on building rhetorical awareness, analyzing texts and media by prominent writers, and understanding academic culture. We will critically examine various genres and grammatical structures, with attention to cultural context. Students will explore their voices and perspectives in class discussion and throughout all phases of the writing process, including planning, peer review, and revision. Each student will meet frequently with the instructor. This course does not fulfill the college writing requirement 3 hrs. lect/disc *(G. Giaimo)*

WRPR 0101 A Writing in Academic Contexts II (Fall 2020, Spring 2021)

Students in this class will continue building upon their identities as writers and thinkers, while engaging a complex, interdisciplinary theme, within a diverse and supportive classroom community. Class activities and assignments will focus on building rhetorical awareness, analyzing texts from a variety of sources, and conducting library research. Students will explore their voices and perspectives in class discussion and throughout all phases of the writing process, including planning, peer review, and revision. Each student will meet frequently with the instructor, and will have opportunities for growth in oral communication as well. This course does not fulfill the college writing requirement. 3 hrs. lect./disc. *(Fall 2020: H. Vila)*

WRPR 0205 Race, Rhetoric, and Protest (Fall 2020)

In this course we will study the theoretical and rhetorical underpinnings of racial protest in America. We will begin by studying movements from the 1950s and 1960s, moving from bus boycotts to Black Power protests, and will build to analyzing recent protests in Ferguson, Dallas, and New York. Readings will include texts from Charles E. Morris III, Aja Martinez, Shon Meckfessel, Gwendolyn Pough, and various articles and op-eds. Students will write analyses of historical and contemporary protest, op-eds about the local culture, and syntheses on the course readings. 3 hrs. Lect **AMR**, **CW**, **NOR**, **SOC** *(J. Sanchez)*

Cross-listed as: GSFS 0205

WRPR 0210 Social Class and the Environment (Spring 2021)

In this course we will explore the consequence of growth, technological development, and the evolution of ecological sacrifice zones. Texts will serve as the theoretical framework for in-the-field investigations, classroom work, and real-world experience. The Struggle for Environmental Justice outlines resistance models; Shadow Cities provides lessons from the squatters movement; Ben Hewitt's The Town that Food Saved describes economy of scale solutions, and David Owen's The Conundrum challenges environmentalism. Texts will guide discussions, serve as lenses for in-the-field investigations, and the basis for writing. We will also travel to Hardwick and Putney, Vermont, to explore new economic-environmental models. (Not open to students who have taken ENVS/WRPR 1014) **AMR**, **CW**, **NOR**, **SOC**

Cross-listed as: ENVS 0210

WRPR 0212 Issues and Methods in Tutoring Writing: A Practicum Course (Spring 2021)

This course will prepare students to work with writers from diverse backgrounds and disciplines. Following appropriate ethics training, we will learn about composition theory and pedagogy, tutoring strategies, and popular trends and debates in writing center studies, such as social justice, access, and inclusion in writing centers. We will conduct ethnographic research on writing center pedagogy, using the Middlebury Writing Center as our research site. Upon successful completion of the course, students may be invited to work as paid tutors in the Writing Center. In addition to Writing Center activities, students will complete a semester-long research project, and engage in a survey project. 3 hrs. lect. **CW**, **SOC**

WRPR 0288 Writing Race and Class (Fall 2020)

In this course we will take a literary and intersectional approach to topics of race and class. Readings include stories, essays, and poems by modern and contemporary writers, including James Baldwin, Audre Lorde, Louise Erdrich, Gloria Anzaldua, Adrienne Rich, Amy Tan, Junot Diaz, and Eli Clare. Students will write short critical and creative pieces and will develop one longer essay, a critical narrative. We will engage in writing workshops and contemplative activities. Students will preferably have prior experience in discussing issues of race and class, although introductory theories will be made available to provide frameworks for discussion. **CW**, **LIT**, **SOC** *(C. Wright)*

Cross-listed as: GSFS 0288

WRPR 0332 The Rhetoric of Transcendence (Spring 2021)

In this course students will study the metaphysical nature of transcendence as a concept that relates to religion, art, popular media, and even drugs. We will study the ways people attempt to relay transcendence through words, actions, and creative endeavors while also considering how we have--or have not--achieved transcendence in our own lives. Students in this course will write reflections of their own states of transcendence, rhetorically analyze sermons and popular culture pieces that embody transcendence, and attempt to capture the ineffable in a final project. 3 hrs. Sem. **CW**, **PHL**

WRPR 0333 Writing On Contemporary Issues: Writing, Editing, and Publishing Online (Fall 2020)

This course is an introduction to writing prose for a public audience. Students will create both critical and personal essays that feature strong ideas and perspectives. The readings and writing will focus on American popular culture, broadly defined. Essays will critically engage elements of contemporary American popular culture via a vivid personal voice and presence. Readings will address current issues in popular culture – Gladwell, “Brain Candy,” Klosterman, “Campus Confidential,” for instance. *ReMix: Reading in Contemporary Culture* is the central text. The end result will be a new online magazine of writings on American popular culture 3 hrs. lect. **AMR**, **ART**, **CW**, **NOR**, **SOC** *(H. Vila)*

WRPR 0334 Writing and Experience: Exploring Self in Society (Spring 2021)

The reading and online writing for this course will focus on what it means to construct a sense of self in relation to the larger social world of family and friends, education, media, work, and community. Readings will include nonfiction and fiction works by authors such as Maya Angelou, James Baldwin, Andre Dubus, Tim O'Brien, Flannery O'Connor, Amy Tan, Tobias Wolff, and Alice Walker. Students will explore the craft of storytelling and the multiple ways in which one can employ the tools of fiction in crafting creative nonfiction and fiction narratives for a new online magazine on American popular culture. This magazine will have been created by students in Writing on Contemporary Issues. Narratives about self and society will therefore lean towards aspects of American popular culture. 3 hrs sem. **AMR**, **CW**, **LIT**, **NOR**, **SOC**

WRPR 0354 The Rhetoric of Public Memory (Fall 2020)

This course focuses on public memory and the various statues, memorials, sites, and spaces that construct public memory in contemporary U.S. society. In this course, we will study local Middlebury and Vermont public memories, Civil War and Confederate memories, and spaces of contention and controversy, while visiting nearby memorials and museums. Students in this class will compose analyses on these public memories and create arguments on the viability of memories in different shapes and forms. Overall, students will leave this class with a stronger understanding of not only public memory rhetoric but the various components that keep these memories alive. 3 hrs. lect. **AMR**, **CW**, **HIS**, **NOR**, **SOC** *(J. Sanchez)*

Cross-listed as: HARC 0354

WRPR 0500 Special Project: Literature (Fall 2020, Spring 2021)

(Approval Required)